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Results of Trials to Evaluate the Interim Allowance Strategy for West Greenland Humpback Whales

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ABSTRACT

The framework developed during the 2015 Annual Meeting of the Scientific Committee to evaluate an ‘interim allowance’ strategy is applied to West Greenland humpback whales based on the agreed *Strike Limit Algorithm* for these whales. The values for the ‘mandatory’ performance statistics for the ‘phase-out’ and ‘interim allowance’ strategy suggest that adopting the ‘interim allowance’ strategy has no substantial impact on risk, but leads to a better ability satisfy need and to lower inter-annual variation in strike limits.

INTRODUCTION

IWC (2016) considered a proposal for the Bering-Chukchi-Beaufort Seas stock of bowhead whales that the ‘phase out’ approach— in which catch limits are reduced by 50% (the ‘grace period’) once a recent abundance estimate has not been available for 10 years – be replaced by an ‘interim allowance’ approach in which the 50% phase-out during the grace period would not apply. Punt (2015) conducted projections to evaluate the consequences of adopting such an ‘interim allowance’ strategy. The AWMP SWG reviewed the results in Punt (2015) and agreed that a survey interval of 10 years with an interim allowance policy for a provisional quota, if necessary, for a third block, would acceptably meet the conservation and management goals of the Commission (IWC, 2017a).

The 2016 AWMP Intersessional Workshop on the Developing *SLAs* for the Greenland hunts (IWC, 2017b) recommended that trials be conducted to evaluate the ‘interim allowance’ strategy for the West Greenland humpback case.

METHODS

The projections were based on the *Evaluation Trials* for the West Greenland humpback whales (IWC, 2015), except that the trials in which the survey interval was modified were ignored because the scenarios to evaluate the ‘interim allowance’ strategy modify this interval. Table 2 lists the six scenarios regarding future surveys. Future surveys are determined by when the next survey is undertaken, the frequency of surveys and how many years it takes for an abundance estimate to become available following a survey. Table 3 lists the performance statistics. This paper provides only the ‘mandatory’ statistics, but the full set of results is available on request. The strike limit algorithm was taken to be the agreed *Humpback SLA* (Witting, 2014).

RESULTS AND DISCUSSION

Table 4 lists the values for mandatory performance statistics for each combination of trial and scenario. The results for ‘interim allowance’ and ‘phase out’ (denoted ‘interim’ and ‘original’ in Table 4) are identical for case 1 (survey frequency 10 years, first survey in 2015, 2 years between conducting a survey and the results becoming available to set strike limits). In contrast, need satisfaction is higher for the ‘interim allowance’ strategy over the 100-year

period for the trials in which the first survey is in 2015 or 2020 (scenarios 2-6 in Table 2) and also over the first 20 years for the trials in which the first survey is in 2020 (scenarios 4-6 in Table 2). Inter-annual variation is lower for the ‘interim allowance’ strategy for all but case 10-2-15. The ‘interim allowance’ strategy can lead to lower final depletion levels, but for the trials considered here, the lowest lower 5th percentile of the D1 (mature female) statistic is 0.719 (trials GH07BB), which is higher than the MSY level.

REFERENCES

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- Punt, A.E. 2015. Initial evaluation of two options for addressing infrequent surveys of the Bering-Beaufort Seas bowhead whales. IWC Document SC/D15/AWMP01 (21pp).
- Witting, L. 2014. West Greenland humpback whale candidate SLA. IWC Document SC/65b/AWMP01. (9pp).

Table 1
The *Evaluation Trials* for West Greenland humpback whales

Trial	Description	Conditioning
GH01AA	MSYR ₁₊ = 5%; need scenario A; historic survey bias = 1	Yes [1A]
GH01AB	MSYR ₁₊ = 5%; need scenario B; historic survey bias = 1	1A
GH01AC	MSYR ₁₊ = 5%; need scenario C; historic survey bias = 1	1A
GH01AD	MSYR ₁₊ = 5%; need scenario D; historic survey bias = 1	1A
GH01BA	MSYR ₁₊ = 3%; need scenario A; historic survey bias = 1	Yes [1B]
GH01BB	MSYR ₁₊ = 3%; need scenario B; historic survey bias = 1	1B
GH01BC	MSYR ₁₊ = 3%; need scenario C; historic survey bias = 1	1B
GH01BD	MSYR ₁₊ = 3%; need scenario D; historic survey bias = 1	1B
GH01CA	MSYR ₁₊ = 7%; need scenario A; historic survey bias = 1	Yes [1C]
GH01CB	MSYR ₁₊ = 7%; need scenario B; historic survey bias = 1	1C
GH01CC	MSYR ₁₊ = 7%; need scenario C; historic survey bias = 1	1C
GH01CD	MSYR ₁₊ = 7%; need scenario D; historic survey bias = 1	1C
GH04AB	MSYR ₁₊ = 5%; need scenario B; historic survey bias = 0.8	Yes [4A]
GH04AC	MSYR ₁₊ = 5%; need scenario C; historic survey bias = 0.8	4A
GH04AD	MSYR ₁₊ = 5%; need scenario D; historic survey bias = 0.8	4A
GH04BB	MSYR ₁₊ = 3%; need scenario B; historic survey bias = 0.8	Yes [4B]
GH04BC	MSYR ₁₊ = 3%; need scenario C; historic survey bias = 0.8	4B
GH04BD	MSYR ₁₊ = 3%; need scenario D; historic survey bias = 0.8	4B
GH05AB	MSYR ₁₊ = 5%; need scenario B; historic survey bias = 1.2	Yes [5A]
GH05AC	MSYR ₁₊ = 5%; need scenario C; historic survey bias = 1.2	5A
GH05AD	MSYR ₁₊ = 5%; need scenario D; historic survey bias = 1.2	5A
GH05BB	MSYR ₁₊ = 3%; need scenario B; historic survey bias = 1.2	Yes [5B]
GH05BC	MSYR ₁₊ = 3%; need scenario C; historic survey bias = 1.2	5B
GH05BD	MSYR ₁₊ = 3%; need scenario D; historic survey bias = 1.2	5B
GH06AB	MSYR ₁₊ = 5%; need scenario B; historic survey bias = 1; 3 episodic events	1A
GH06AC	MSYR ₁₊ = 5%; need scenario C; historic survey bias = 1; 3 episodic events	1A
GH06AD	MSYR ₁₊ = 5%; need scenario D; historic survey bias = 1; 3 episodic events	1A
GH06BB	MSYR ₁₊ = 3%; need scenario B; historic survey bias = 1; 3 episodic events	1B
GH06BC	MSYR ₁₊ = 3%; need scenario B; historic survey bias = 1; 3 episodic events	1B
GH06BD	MSYR ₁₊ = 3%; need scenario D; historic survey bias = 1; 3 episodic events	1B
GH07AB	MSYR ₁₊ = 5%; need scenario B; historic survey bias = 1; stochastic events every 5 years	1A
GH07AC	MSYR ₁₊ = 5%; need scenario C; historic survey bias = 1; stochastic events every 5 years	1A
GH07AD	MSYR ₁₊ = 5%; need scenario D; historic survey bias = 1; stochastic events every 5 years	1A
GH07BB	MSYR ₁₊ = 3%; need scenario B; historic survey bias = 1; stochastic events every 5 years	1B
GH07BC	MSYR ₁₊ = 3%; need scenario B; historic survey bias = 1; stochastic events every 5 years	1B
GH07BD	MSYR ₁₊ = 3%; need scenario D; historic survey bias = 1; stochastic events every 5 years	1B
GH08AB	MSYR ₁₊ = 5%; need scenario B; historic survey bias = 1; asymmetric environmental stochasticity (depletion = 0.3)	Yes [1A, 8A]
GH08AC	MSYR ₁₊ = 5%; need scenario C; historic survey bias = 1; asymmetric environmental stochasticity (depletion = 0.3)	8A
GH08AD	MSYR ₁₊ = 5%; need scenario D; historic survey bias = 1; asymmetric environmental stochasticity (depletion = 0.3)	8A
GH08BB	MSYR ₁₊ = 3%; need scenario B; historic survey bias = 1; asymmetric environmental stochasticity (depletion = 0.3)	Yes [1B, 8B]
GH08BC	MSYR ₁₊ = 3%; need scenario C; historic survey bias = 1; asymmetric environmental stochasticity (depletion = 0.3)	8B
GH08BD	MSYR ₁₊ = 3%; need scenario D; historic survey bias = 1; asymmetric environmental stochasticity (depletion = 0.3)	8B

Table 2
Specifications for future surveys

Case	Next survey	Survey frequency	Time until estimate becomes available
10-2-15	2015	10	2
15-3-15	2015	15	3
20-2-15	2015	20	2
10-3-20	2020	10	3
15-2-20	2020	15	2
20-3-20	2020	20	3

Table 3
The performance statistics

ID	Name	Mandatory	Optional	Time Periods	Use to explain performance to layperson	Use to evaluate performance for SC	Details
D1	Final Depletion	1+, mature		100	Yes	Yes	P_T / K
D2	Lowest Depletion		mature	100	Yes	Yes	$\min(P_t / K) : t = 0, 1, \dots, T$
D6	Trajectories 1 and 2		1+, mature	100	Yes	No	
D7	Pointwise Quantile Trajectories		1+, mature	100	Yes	No	
D8	Rescaled final Depletion	Yes		100		No	P_T / P_T^*
D9	Minimum number of whales		1+, mature	100		No	$\min(P_t) : t = 0, 1, \dots, T$
D10	Relative Increase	Yes		100		Yes	P_T / P_0
N1	Total Need Satisfaction		Yes	20, 100	Yes	Yes	$\sum_{t=0}^{T-1} C_t / \sum_{t=0}^{T-1} Q_t$
N2	Longest Shortfall		Yes	20, 100	Yes, after rescaling	Yes	(negative of the greatest number of consecutive years in which $C_t < Q_t$) / T
N4	Fraction of years in which catch = quota		Yes	20, 100	Yes	Yes	
N7	Percent Need Satisfaction Pointwise Quantile Trajectory Plot		Yes	100	No	Yes	
N8	Percent Need Satisfaction Trajectories 1 and 2 Plot		Yes	100	No	Yes	
N9	Average need satisfaction	Yes		20, 100	Yes	Yes	$\frac{1}{T} \sum_{t=0}^{T-1} \frac{C_t}{Q_t}$
N10	Average Annual Variation in Catch		Yes	100	No	Yes	
N11	Anti-curvature Catch Variation Statistic		Yes	100	No	Yes	
N12	Mean downstep	Yes					
R1	Relative Recovery	1+		100	Yes	Yes	$P_{t_r^*} / P_t^*$ where t_r^* = 1st year in which P_t^* passes through $MSYL$
R3	Time Frequency in Recovered State after Recovery		1+, mature	100	Yes	Yes	
R4	Relative Time to Recovery		1+, mature	100	Yes	Yes	

Table 4
Performance statistics for the trials to compare the performance of the ‘phase out’ (‘original’) and ‘interim allowance’ (‘interim’) options.

a) Case 10-2-15																									
Option	Trial	D1 (Fin Dep) (1+)			D1 (Fin Dep) (fem)			D8 (Rescale Fin Dep-0)			D8 (Rescale Fin Dep-i)			D10 (Rel Recov)			N9 (Ave need Sat: 20)			N9 (Ave need Sat: 20)			N12 (Mean Down Step)		
		5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%
Interim	GGH01AA	0.973	0.989	0.993	0.944	0.976	0.987	0.973	0.989	0.993	0.980	0.994	0.996	1.49	4.54	9.78	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000	0.000
Original	GGH01AA	0.973	0.989	0.993	0.944	0.976	0.987	0.973	0.989	0.993	0.980	0.994	0.996	1.49	4.54	9.78	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000	0.000
Interim	GGH01AB	0.952	0.982	0.989	0.903	0.964	0.980	0.952	0.982	0.989	0.959	0.987	0.993	1.46	4.51	9.75	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01AB	0.952	0.982	0.989	0.903	0.964	0.980	0.952	0.982	0.989	0.959	0.987	0.993	1.46	4.51	9.75	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH01AC	0.930	0.976	0.986	0.861	0.952	0.973	0.930	0.976	0.986	0.937	0.981	0.989	1.45	4.49	9.72	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01AC	0.930	0.976	0.986	0.861	0.952	0.973	0.930	0.976	0.986	0.937	0.981	0.989	1.45	4.49	9.72	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH01AD	0.941	0.979	0.987	0.879	0.958	0.976	0.941	0.979	0.987	0.947	0.984	0.991	1.45	4.50	9.73	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01AD	0.941	0.979	0.987	0.879	0.958	0.976	0.941	0.979	0.987	0.947	0.984	0.991	1.45	4.50	9.73	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH01BA	0.920	0.974	0.988	0.865	0.952	0.976	0.936	0.977	0.989	0.958	0.987	0.993	1.91	5.73	16.79	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000	0.000
Original	GGH01BA	0.920	0.974	0.988	0.865	0.952	0.976	0.936	0.977	0.989	0.960	0.987	0.993	1.91	5.73	16.79	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000	0.000
Interim	GGH01BB	0.905	0.963	0.982	0.812	0.932	0.965	0.908	0.967	0.983	0.931	0.976	0.987	1.88	5.67	16.51	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01BB	0.905	0.963	0.982	0.812	0.932	0.965	0.908	0.967	0.983	0.931	0.976	0.987	1.88	5.67	16.51	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH01BC	0.864	0.954	0.976	0.742	0.915	0.953	0.877	0.956	0.976	0.893	0.967	0.981	1.85	5.58	16.20	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01BC	0.864	0.954	0.976	0.752	0.915	0.953	0.877	0.956	0.976	0.893	0.967	0.981	1.85	5.58	16.20	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH01BD	0.854	0.955	0.978	0.760	0.917	0.958	0.862	0.959	0.979	0.881	0.968	0.983	1.86	5.60	13.94	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01BD	0.855	0.955	0.978	0.760	0.917	0.958	0.869	0.959	0.979	0.881	0.968	0.983	1.86	5.60	13.94	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH01CA	0.978	0.992	0.995	0.956	0.982	0.990	0.978	0.992	0.995	0.981	0.996	0.997	1.12	3.12	7.33	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000	0.000
Original	GGH01CA	0.978	0.992	0.995	0.956	0.982	0.990	0.978	0.992	0.995	0.981	0.996	0.997	1.12	3.12	7.33	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000	0.000
Interim	GGH01CB	0.958	0.988	0.993	0.918	0.970	0.984	0.958	0.988	0.993	0.960	0.991	0.995	1.11	3.10	7.31	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01CB	0.958	0.988	0.993	0.918	0.970	0.984	0.958	0.988	0.993	0.960	0.991	0.995	1.11	3.10	7.31	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH01CC	0.936	0.984	0.990	0.880	0.960	0.978	0.936	0.984	0.990	0.938	0.987	0.992	1.09	3.08	7.29	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01CC	0.936	0.984	0.990	0.880	0.960	0.978	0.936	0.984	0.990	0.938	0.987	0.992	1.09	3.08	7.29	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH01CD	0.946	0.985	0.992	0.898	0.965	0.981	0.946	0.985	0.992	0.949	0.989	0.993	1.10	3.09	7.29	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01CD	0.946	0.985	0.992	0.898	0.965	0.981	0.946	0.985	0.992	0.949	0.989	0.993	1.10	3.09	7.29	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH04AB	0.959	0.985	0.990	0.916	0.968	0.981	0.959	0.985	0.990	0.963	0.989	0.993	1.35	3.46	8.66	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04AB	0.959	0.985	0.990	0.916	0.968	0.981	0.959	0.985	0.990	0.963	0.989	0.993	1.35	3.46	8.66	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH04AC	0.938	0.979	0.987	0.880	0.957	0.974	0.938	0.979	0.987	0.943	0.983	0.989	1.32	3.44	8.61	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000

Original	GGH04AC	0.938	0.979	0.987	0.880	0.957	0.974	0.938	0.979	0.987	0.943	0.983	0.989	1.32	3.44	8.61	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH04AD	0.948	0.982	0.988	0.896	0.962	0.977	0.948	0.982	0.988	0.952	0.986	0.991	1.33	3.45	8.63	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04AD	0.948	0.982	0.988	0.896	0.962	0.977	0.948	0.982	0.988	0.952	0.986	0.991	1.33	3.45	8.63	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH04BB	0.899	0.968	0.981	0.853	0.940	0.967	0.902	0.969	0.982	0.931	0.977	0.987	1.71	4.05	11.29	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04BB	0.899	0.968	0.981	0.853	0.940	0.967	0.902	0.969	0.982	0.931	0.977	0.987	1.71	4.05	11.29	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH04BC	0.854	0.957	0.975	0.795	0.919	0.956	0.882	0.958	0.976	0.910	0.965	0.981	1.62	4.01	11.12	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04BC	0.854	0.957	0.975	0.795	0.919	0.956	0.882	0.958	0.976	0.910	0.965	0.981	1.62	4.01	11.12	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH04BD	0.867	0.961	0.977	0.808	0.926	0.960	0.867	0.962	0.979	0.876	0.969	0.983	1.66	4.03	11.05	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04BD	0.867	0.961	0.977	0.808	0.926	0.960	0.867	0.962	0.979	0.876	0.969	0.983	1.66	4.03	11.05	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH05AB	0.934	0.982	0.989	0.887	0.963	0.980	0.934	0.982	0.989	0.941	0.987	0.993	1.50	4.58	11.49	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05AB	0.934	0.982	0.989	0.887	0.963	0.980	0.934	0.982	0.989	0.941	0.987	0.993	1.50	4.58	11.49	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH05AC	0.913	0.975	0.985	0.846	0.952	0.973	0.913	0.975	0.985	0.919	0.981	0.989	1.49	4.56	11.44	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05AC	0.909	0.975	0.985	0.846	0.952	0.973	0.909	0.975	0.985	0.916	0.981	0.989	1.49	4.56	11.44	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH05AD	0.916	0.978	0.987	0.859	0.957	0.976	0.916	0.978	0.987	0.922	0.984	0.991	1.49	4.57	11.46	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05AD	0.916	0.978	0.987	0.859	0.957	0.976	0.916	0.978	0.987	0.922	0.984	0.991	1.49	4.57	11.46	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH05BB	0.885	0.958	0.976	0.826	0.926	0.960	0.888	0.961	0.978	0.912	0.973	0.985	2.09	6.02	14.04	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05BB	0.885	0.958	0.976	0.826	0.926	0.960	0.888	0.961	0.978	0.912	0.973	0.985	2.09	6.02	14.04	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH05BC	0.840	0.945	0.969	0.757	0.904	0.951	0.849	0.949	0.971	0.880	0.959	0.978	2.04	5.95	13.86	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05BC	0.840	0.945	0.969	0.757	0.904	0.951	0.849	0.949	0.971	0.880	0.959	0.978	2.04	5.95	13.86	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH05BD	0.848	0.948	0.971	0.779	0.909	0.953	0.848	0.950	0.973	0.856	0.963	0.980	2.06	5.97	13.65	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05BD	0.848	0.948	0.971	0.779	0.909	0.953	0.848	0.950	0.973	0.856	0.963	0.980	2.06	5.97	13.65	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH06AB	1.004	1.030	1.039	1.009	1.065	1.091	0.962	0.986	0.991	0.966	0.990	0.994	1.53	4.69	10.06	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06AB	1.004	1.030	1.039	1.009	1.065	1.091	0.962	0.986	0.991	0.966	0.990	0.994	1.53	4.69	10.06	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH06AC	0.984	1.025	1.036	0.964	1.055	1.078	0.944	0.980	0.988	0.949	0.985	0.991	1.52	4.67	10.02	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06AC	0.984	1.025	1.036	0.964	1.055	1.078	0.944	0.980	0.988	0.949	0.985	0.991	1.52	4.67	10.02	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH06AD	0.994	1.028	1.037	0.985	1.060	1.084	0.953	0.983	0.989	0.957	0.987	0.992	1.52	4.68	10.04	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06AD	0.994	1.028	1.037	0.985	1.060	1.084	0.953	0.983	0.989	0.957	0.987	0.992	1.52	4.68	10.04	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH06BB	0.996	1.045	1.061	0.984	1.083	1.136	0.931	0.975	0.987	0.941	0.983	0.991	2.03	6.10	18.02	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06BB	0.996	1.045	1.061	0.984	1.083	1.136	0.931	0.975	0.987	0.941	0.983	0.991	2.03	6.10	18.02	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH06BC	0.962	1.037	1.055	0.918	1.066	1.117	0.901	0.967	0.982	0.910	0.975	0.986	2.00	6.05	17.69	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06BC	0.962	1.037	1.055	0.918	1.066	1.117	0.901	0.967	0.982	0.910	0.975	0.986	2.00	6.05	17.69	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH06BD	0.964	1.038	1.058	0.881	1.068	1.125	0.897	0.968	0.984	0.914	0.976	0.988	2.01	6.07	16.69	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06BD	0.963	1.038	1.058	0.878	1.068	1.125	0.897	0.968	0.984	0.914	0.976	0.988	2.01	6.07	16.33	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH07AB	0.921	0.951	0.959	0.864	0.934	0.949	0.952	0.982	0.989	0.958	0.987	0.992	1.41	4.33	9.28	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000

Original	GGH07AB	0.921	0.951	0.959	0.864	0.934	0.949	0.952	0.982	0.989	0.958	0.987	0.992	1.41	4.33	9.28	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH07AC	0.897	0.945	0.955	0.834	0.922	0.942	0.929	0.976	0.985	0.936	0.981	0.989	1.39	4.31	9.23	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07AC	0.897	0.945	0.955	0.834	0.922	0.942	0.929	0.976	0.985	0.936	0.981	0.989	1.39	4.31	9.23	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH07AD	0.908	0.948	0.957	0.848	0.927	0.945	0.940	0.979	0.987	0.947	0.984	0.990	1.39	4.32	9.25	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07AD	0.908	0.948	0.957	0.848	0.927	0.945	0.940	0.979	0.987	0.947	0.984	0.990	1.39	4.32	9.25	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH07BB	0.879	0.933	0.952	0.789	0.905	0.939	0.907	0.967	0.982	0.930	0.977	0.987	1.81	5.44	15.92	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07BB	0.879	0.933	0.952	0.789	0.905	0.939	0.907	0.967	0.982	0.930	0.977	0.987	1.81	5.44	15.92	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH07BC	0.837	0.922	0.946	0.730	0.890	0.928	0.878	0.955	0.976	0.891	0.967	0.981	1.77	5.36	15.62	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07BC	0.837	0.922	0.946	0.739	0.890	0.928	0.878	0.955	0.976	0.891	0.967	0.981	1.77	5.36	15.62	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH07BD	0.833	0.925	0.948	0.737	0.890	0.932	0.866	0.959	0.979	0.884	0.968	0.983	1.79	5.37	13.92	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07BD	0.835	0.925	0.948	0.737	0.890	0.932	0.875	0.959	0.979	0.884	0.968	0.983	1.79	5.37	13.92	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH08AB	0.935	0.996	1.042	0.897	0.967	1.031	0.958	0.985	0.992	0.965	0.988	0.995	1.59	3.63	10.86	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08AB	0.935	0.996	1.042	0.897	0.967	1.031	0.958	0.985	0.992	0.965	0.988	0.995	1.59	3.63	10.86	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH08AC	0.916	0.990	1.040	0.859	0.954	1.016	0.942	0.980	0.990	0.945	0.982	0.992	1.56	3.61	10.81	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08AC	0.916	0.990	1.040	0.859	0.954	1.016	0.939	0.980	0.990	0.945	0.982	0.992	1.56	3.61	10.81	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH08AD	0.921	0.993	1.041	0.872	0.961	1.019	0.947	0.982	0.991	0.954	0.985	0.994	1.58	3.62	10.83	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08AD	0.921	0.993	1.041	0.872	0.961	1.019	0.947	0.982	0.991	0.954	0.985	0.994	1.58	3.62	10.83	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH08BB	0.862	0.982	1.072	0.833	0.942	1.030	0.900	0.971	0.984	0.911	0.979	0.989	1.59	4.92	11.36	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08BB	0.862	0.982	1.072	0.833	0.942	1.030	0.900	0.971	0.984	0.911	0.979	0.989	1.59	4.92	11.36	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH08BC	0.838	0.973	1.064	0.780	0.926	1.019	0.854	0.960	0.978	0.872	0.969	0.984	1.54	4.86	11.28	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08BC	0.838	0.973	1.064	0.780	0.926	1.019	0.854	0.960	0.978	0.872	0.969	0.984	1.54	4.86	11.28	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Interim	GGH08BD	0.848	0.975	1.066	0.799	0.930	1.021	0.869	0.964	0.981	0.878	0.971	0.986	1.56	4.88	11.27	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08BD	0.848	0.975	1.066	0.799	0.930	1.021	0.869	0.964	0.981	0.878	0.971	0.986	1.56	4.88	11.27	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000

(b) Case 15-3-15

Option	Trial	D1 (Fin Dep) (1+)			D1 (Fin Dep) (fem)			D8 (Rescale Fin Dep-0)			D8 (Rescale Fin Dep-i)			D10 (Rel Recov)			N9 (Ave need Sat: 20)			N9 (Ave need Sat: 20)			N12 (Mean Down Step)		
		5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%
Interim	GGH01AA	0.973	0.989	0.993	0.944	0.976	0.987	0.973	0.989	0.993	0.980	0.994	0.996	1.49	4.54	9.78	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000	0.000
Original	GGH01AA	0.978	0.990	0.994	0.956	0.979	0.989	0.978	0.990	0.994	0.984	0.995	0.997	1.50	4.54	9.79	1.000	1.000	1.000	0.813	0.813	0.813	0.251	0.251	0.251
Interim	GGH01AB	0.952	0.982	0.989	0.903	0.964	0.980	0.952	0.982	0.989	0.959	0.987	0.993	1.46	4.51	9.75	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01AB	0.961	0.985	0.991	0.927	0.971	0.984	0.961	0.985	0.991	0.969	0.990	0.994	1.48	4.52	9.76	1.000	1.000	1.000	0.812	0.812	0.812	0.247	0.247	0.247
Interim	GGH01AC	0.930	0.976	0.986	0.860	0.952	0.973	0.930	0.976	0.986	0.937	0.981	0.989	1.45	4.49	9.72	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01AC	0.945	0.980	0.988	0.897	0.962	0.979	0.945	0.980	0.988	0.953	0.985	0.991	1.46	4.50	9.74	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH01AD	0.941	0.979	0.987	0.879	0.958	0.976	0.941	0.979	0.987	0.947	0.984	0.991	1.45	4.50	9.73	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01AD	0.953	0.983	0.989	0.910	0.966	0.981	0.953	0.983	0.989	0.960	0.987	0.993	1.47	4.51	9.75	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH01BA	0.920	0.974	0.988	0.865	0.952	0.976	0.936	0.977	0.989	0.956	0.987	0.993	1.91	5.73	16.79	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000	0.000
Original	GGH01BA	0.928	0.978	0.989	0.875	0.958	0.980	0.943	0.980	0.990	0.967	0.990	0.995	1.92	5.74	16.93	1.000	1.000	1.000	0.813	0.813	0.813	0.251	0.251	0.251
Interim	GGH01BB	0.905	0.963	0.982	0.812	0.932	0.965	0.907	0.967	0.983	0.931	0.976	0.987	1.88	5.67	16.51	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01BB	0.917	0.969	0.985	0.854	0.942	0.971	0.927	0.972	0.986	0.947	0.982	0.990	1.90	5.70	16.73	1.000	1.000	1.000	0.812	0.812	0.812	0.247	0.247	0.247
Interim	GGH01BC	0.864	0.954	0.976	0.730	0.915	0.953	0.877	0.956	0.976	0.893	0.967	0.981	1.85	5.58	16.20	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01BC	0.894	0.961	0.980	0.790	0.929	0.963	0.902	0.964	0.981	0.921	0.974	0.985	1.87	5.65	16.51	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH01BD	0.854	0.955	0.978	0.760	0.917	0.958	0.857	0.959	0.979	0.879	0.968	0.983	1.86	5.60	13.94	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01BD	0.881	0.962	0.982	0.814	0.931	0.966	0.894	0.966	0.983	0.914	0.975	0.987	1.88	5.66	16.09	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH01CA	0.978	0.992	0.995	0.956	0.982	0.990	0.978	0.992	0.995	0.981	0.996	0.997	1.12	3.12	7.33	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000	0.000
Original	GGH01CA	0.982	0.993	0.996	0.967	0.985	0.992	0.982	0.993	0.996	0.984	0.996	0.998	1.12	3.13	7.33	1.000	1.000	1.000	0.813	0.813	0.813	0.251	0.251	0.251
Interim	GGH01CB	0.958	0.988	0.993	0.918	0.970	0.984	0.958	0.988	0.993	0.960	0.991	0.995	1.11	3.10	7.31	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01CB	0.966	0.989	0.994	0.940	0.977	0.987	0.966	0.989	0.994	0.969	0.993	0.996	1.11	3.11	7.31	1.000	1.000	1.000	0.812	0.812	0.812	0.247	0.247	0.247
Interim	GGH01CC	0.943	0.984	0.990	0.886	0.960	0.978	0.943	0.984	0.990	0.946	0.987	0.992	1.09	3.08	7.29	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01CC	0.952	0.986	0.992	0.916	0.970	0.983	0.952	0.986	0.992	0.956	0.989	0.994	1.10	3.10	7.30	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH01CD	0.949	0.985	0.992	0.902	0.965	0.981	0.949	0.985	0.992	0.953	0.989	0.993	1.10	3.09	7.29	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01CD	0.958	0.987	0.993	0.926	0.973	0.985	0.958	0.987	0.993	0.962	0.991	0.995	1.10	3.10	7.30	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH04AB	0.959	0.985	0.990	0.916	0.968	0.981	0.959	0.985	0.990	0.963	0.989	0.993	1.35	3.46	8.66	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04AB	0.967	0.987	0.992	0.938	0.974	0.985	0.967	0.987	0.992	0.971	0.991	0.994	1.36	3.47	8.68	1.000	1.000	1.000	0.812	0.812	0.812	0.247	0.247	0.247
Interim	GGH04AC	0.938	0.979	0.987	0.880	0.957	0.974	0.938	0.979	0.987	0.943	0.983	0.989	1.32	3.44	8.61	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04AC	0.952	0.983	0.989	0.912	0.966	0.979	0.952	0.983	0.989	0.956	0.987	0.992	1.34	3.45	8.64	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH04AD	0.948	0.982	0.988	0.896	0.962	0.977	0.948	0.982	0.988	0.952	0.986	0.991	1.33	3.45	8.63	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04AD	0.959	0.985	0.990	0.924	0.970	0.982	0.959	0.985	0.990	0.963	0.989	0.993	1.35	3.46	8.66	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH04BB	0.899	0.968	0.981	0.853	0.940	0.967	0.902	0.969	0.982	0.931	0.977	0.987	1.71	4.05	11.29	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000

Original	GGH04BB	0.923	0.974	0.984	0.880	0.950	0.974	0.923	0.975	0.985	0.946	0.982	0.990	1.73	4.07	11.38	1.000	1.000	1.000	0.812	0.812	0.812	0.247	0.247	0.247
Interim	GGH04BC	0.854	0.957	0.975	0.795	0.919	0.956	0.882	0.958	0.976	0.910	0.965	0.981	1.62	4.01	11.12	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04BC	0.886	0.965	0.980	0.837	0.935	0.965	0.902	0.966	0.981	0.931	0.974	0.985	1.70	4.04	11.26	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH04BD	0.867	0.961	0.977	0.808	0.926	0.960	0.867	0.962	0.979	0.876	0.969	0.983	1.66	4.03	11.05	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04BD	0.901	0.969	0.982	0.854	0.940	0.968	0.901	0.970	0.982	0.910	0.977	0.987	1.71	4.05	11.20	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH05AB	0.934	0.982	0.989	0.887	0.963	0.980	0.934	0.982	0.989	0.941	0.987	0.993	1.50	4.58	11.49	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05AB	0.949	0.985	0.991	0.914	0.970	0.984	0.949	0.985	0.991	0.955	0.990	0.994	1.51	4.60	11.51	1.000	1.000	1.000	0.812	0.812	0.812	0.247	0.247	0.247
Interim	GGH05AC	0.901	0.975	0.985	0.836	0.952	0.973	0.901	0.975	0.985	0.907	0.981	0.989	1.49	4.56	11.44	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05AC	0.925	0.980	0.988	0.877	0.962	0.979	0.925	0.980	0.988	0.931	0.985	0.991	1.50	4.58	11.47	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH05AD	0.916	0.978	0.987	0.859	0.957	0.976	0.916	0.978	0.987	0.922	0.984	0.991	1.49	4.57	11.46	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05AD	0.936	0.982	0.989	0.893	0.965	0.981	0.936	0.982	0.989	0.942	0.987	0.993	1.50	4.59	11.49	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH05BB	0.885	0.958	0.976	0.826	0.926	0.960	0.888	0.961	0.978	0.912	0.973	0.985	2.09	6.02	14.04	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05BB	0.913	0.965	0.979	0.862	0.938	0.966	0.913	0.967	0.981	0.934	0.979	0.988	2.11	6.06	14.16	1.000	1.000	1.000	0.812	0.812	0.812	0.247	0.247	0.247
Interim	GGH05BC	0.840	0.945	0.969	0.757	0.904	0.951	0.849	0.949	0.971	0.880	0.959	0.978	2.04	5.95	13.86	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05BC	0.870	0.955	0.974	0.808	0.920	0.959	0.885	0.958	0.976	0.912	0.969	0.983	2.07	6.00	14.03	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH05BD	0.848	0.948	0.971	0.779	0.909	0.953	0.848	0.950	0.973	0.856	0.963	0.980	2.06	5.97	12.72	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05BD	0.884	0.957	0.975	0.826	0.924	0.960	0.888	0.960	0.977	0.897	0.972	0.985	2.09	6.02	13.87	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH06AB	1.004	1.030	1.039	1.009	1.065	1.091	0.962	0.986	0.991	0.966	0.990	0.994	1.53	4.69	10.06	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06AB	1.010	1.033	1.040	1.034	1.073	1.100	0.969	0.988	0.993	0.974	0.992	0.995	1.54	4.70	10.08	1.000	1.000	1.000	0.812	0.812	0.812	0.247	0.247	0.247
Interim	GGH06AC	0.984	1.025	1.036	0.964	1.055	1.078	0.944	0.980	0.988	0.949	0.985	0.991	1.51	4.67	10.02	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06AC	0.997	1.028	1.038	1.000	1.064	1.088	0.956	0.984	0.990	0.961	0.988	0.993	1.52	4.68	10.04	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH06AD	0.994	1.028	1.037	0.985	1.060	1.084	0.953	0.983	0.989	0.957	0.987	0.992	1.52	4.68	10.04	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06AD	1.003	1.030	1.039	1.017	1.067	1.093	0.962	0.986	0.991	0.967	0.990	0.994	1.53	4.69	10.06	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH06BB	0.996	1.045	1.061	0.984	1.083	1.136	0.929	0.975	0.987	0.939	0.983	0.991	2.03	6.10	18.02	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06BB	1.009	1.050	1.064	1.006	1.096	1.143	0.943	0.979	0.989	0.955	0.986	0.993	2.04	6.13	18.26	1.000	1.000	1.000	0.812	0.812	0.812	0.247	0.247	0.247
Interim	GGH06BC	0.958	1.037	1.055	0.910	1.066	1.117	0.899	0.967	0.982	0.910	0.975	0.986	2.00	6.05	17.69	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06BC	0.987	1.043	1.060	0.967	1.080	1.131	0.922	0.973	0.986	0.934	0.981	0.989	2.02	6.09	18.04	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH06BD	0.922	1.038	1.058	0.876	1.068	1.125	0.862	0.968	0.984	0.880	0.976	0.988	2.01	6.07	16.69	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06BD	0.961	1.044	1.062	0.932	1.083	1.136	0.899	0.974	0.987	0.918	0.982	0.991	2.03	6.10	17.40	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH07AB	0.921	0.951	0.959	0.864	0.934	0.949	0.952	0.982	0.989	0.958	0.987	0.992	1.41	4.33	9.28	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07AB	0.930	0.954	0.960	0.881	0.941	0.954	0.961	0.985	0.991	0.968	0.990	0.994	1.42	4.34	9.30	1.000	1.000	1.000	0.812	0.812	0.812	0.247	0.247	0.247
Interim	GGH07AC	0.897	0.945	0.955	0.827	0.922	0.942	0.929	0.976	0.985	0.936	0.981	0.989	1.39	4.31	9.23	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07AC	0.914	0.949	0.957	0.861	0.932	0.948	0.944	0.980	0.988	0.952	0.985	0.991	1.40	4.32	9.26	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH07AD	0.908	0.948	0.957	0.845	0.927	0.945	0.940	0.979	0.987	0.947	0.984	0.990	1.39	4.32	9.25	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000

Original	GGH07AD	0.921	0.952	0.959	0.871	0.936	0.951	0.952	0.982	0.989	0.960	0.987	0.992	1.41	4.33	9.28	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH07BB	0.879	0.933	0.952	0.789	0.905	0.939	0.907	0.967	0.982	0.930	0.977	0.987	1.81	5.44	15.92	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07BB	0.892	0.938	0.955	0.830	0.916	0.945	0.927	0.972	0.985	0.948	0.982	0.990	1.82	5.47	16.12	1.000	1.000	1.000	0.812	0.812	0.812	0.247	0.247	0.247
Interim	GGH07BC	0.837	0.922	0.946	0.719	0.890	0.928	0.878	0.955	0.976	0.891	0.967	0.981	1.77	5.36	15.62	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07BC	0.866	0.930	0.950	0.767	0.901	0.937	0.905	0.964	0.981	0.920	0.974	0.985	1.80	5.42	15.91	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH07BD	0.833	0.925	0.948	0.737	0.890	0.932	0.862	0.959	0.979	0.883	0.968	0.983	1.79	5.37	13.92	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07BD	0.860	0.932	0.952	0.790	0.902	0.940	0.897	0.966	0.983	0.913	0.975	0.987	1.81	5.44	15.54	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH08AB	0.935	0.996	1.042	0.897	0.967	1.031	0.958	0.985	0.992	0.965	0.988	0.995	1.59	3.63	10.86	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08AB	0.939	0.998	1.044	0.905	0.973	1.037	0.967	0.988	0.994	0.973	0.991	0.996	1.61	3.65	10.88	1.000	1.000	1.000	0.812	0.812	0.812	0.247	0.247	0.247
Interim	GGH08AC	0.916	0.990	1.040	0.859	0.954	1.016	0.938	0.980	0.990	0.945	0.982	0.992	1.56	3.61	10.81	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08AC	0.931	0.993	1.041	0.887	0.965	1.028	0.952	0.983	0.991	0.959	0.986	0.994	1.58	3.63	10.84	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH08AD	0.921	0.993	1.041	0.872	0.961	1.019	0.947	0.982	0.991	0.954	0.985	0.994	1.58	3.62	10.83	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08AD	0.936	0.996	1.042	0.901	0.969	1.034	0.959	0.985	0.992	0.966	0.988	0.995	1.59	3.64	10.86	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH08BB	0.862	0.982	1.072	0.833	0.942	1.030	0.900	0.971	0.984	0.911	0.979	0.989	1.59	4.92	11.36	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08BB	0.876	0.989	1.078	0.839	0.954	1.037	0.925	0.976	0.987	0.934	0.984	0.992	1.61	4.95	11.41	1.000	1.000	1.000	0.812	0.812	0.812	0.247	0.247	0.247
Interim	GGH08BC	0.838	0.973	1.064	0.780	0.926	1.019	0.864	0.960	0.978	0.882	0.969	0.984	1.54	4.86	11.28	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08BC	0.860	0.980	1.070	0.825	0.939	1.027	0.891	0.968	0.982	0.909	0.976	0.987	1.58	4.91	11.34	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245
Interim	GGH08BD	0.848	0.975	1.066	0.799	0.930	1.021	0.871	0.964	0.981	0.881	0.971	0.986	1.56	4.88	11.27	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08BD	0.854	0.982	1.072	0.830	0.944	1.030	0.905	0.971	0.984	0.914	0.978	0.989	1.59	4.92	11.34	1.000	1.000	1.000	0.812	0.812	0.812	0.245	0.245	0.245

(c) Case 20-2-15

Option	Trial	D1 (Fin Dep) (1+)			D1 (Fin Dep) (fem)			D8 (Rescale Fin Dep-0)			D8 (Rescale Fin Dep-i)			D10 (Rel Recov)			N9 (Ave need Sat: 20)			N9 (Ave need Sat: 20)			N12 (Mean Down Step)		
		5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%
Interim	GGH01AA	0.973	0.989	0.993	0.944	0.976	0.987	0.973	0.989	0.993	0.980	0.994	0.996	1.49	4.54	9.78	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000	0.000
Original	GGH01AA	0.977	0.990	0.994	0.949	0.978	0.988	0.977	0.990	0.994	0.984	0.995	0.997	1.50	4.54	9.79	1.000	1.000	1.000	0.813	0.813	0.813	0.174	0.174	0.174
Interim	GGH01AB	0.952	0.982	0.989	0.903	0.964	0.980	0.952	0.982	0.989	0.959	0.987	0.993	1.46	4.51	9.75	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01AB	0.961	0.985	0.991	0.914	0.967	0.982	0.961	0.985	0.991	0.967	0.990	0.994	1.48	4.52	9.76	1.000	1.000	1.000	0.812	0.812	0.812	0.161	0.161	0.161
Interim	GGH01AC	0.930	0.976	0.986	0.860	0.952	0.973	0.930	0.976	0.986	0.937	0.981	0.989	1.45	4.49	9.72	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01AC	0.944	0.980	0.988	0.877	0.957	0.976	0.944	0.980	0.988	0.950	0.985	0.991	1.45	4.50	9.74	1.000	1.000	1.000	0.812	0.812	0.812	0.154	0.154	0.154
Interim	GGH01AD	0.941	0.979	0.987	0.879	0.958	0.976	0.941	0.979	0.987	0.947	0.984	0.991	1.45	4.50	9.73	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01AD	0.952	0.982	0.989	0.893	0.962	0.978	0.952	0.982	0.989	0.958	0.987	0.993	1.46	4.51	9.75	1.000	1.000	1.000	0.812	0.812	0.812	0.163	0.163	0.163
Interim	GGH01BA	0.920	0.974	0.988	0.865	0.952	0.976	0.936	0.977	0.989	0.956	0.987	0.993	1.91	5.73	16.79	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000	0.000
Original	GGH01BA	0.928	0.977	0.989	0.875	0.955	0.978	0.943	0.979	0.990	0.965	0.989	0.994	1.92	5.74	16.93	1.000	1.000	1.000	0.813	0.813	0.813	0.174	0.174	0.174
Interim	GGH01BB	0.905	0.963	0.982	0.812	0.932	0.965	0.907	0.967	0.983	0.931	0.976	0.987	1.88	5.67	16.51	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01BB	0.916	0.967	0.984	0.839	0.938	0.968	0.923	0.971	0.985	0.943	0.981	0.989	1.89	5.69	16.72	1.000	1.000	1.000	0.812	0.812	0.812	0.161	0.161	0.161
Interim	GGH01BC	0.864	0.954	0.976	0.730	0.915	0.953	0.877	0.956	0.976	0.893	0.967	0.981	1.85	5.58	16.20	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01BC	0.885	0.960	0.979	0.770	0.925	0.958	0.900	0.963	0.980	0.914	0.973	0.984	1.87	5.64	16.50	1.000	1.000	1.000	0.812	0.812	0.812	0.154	0.154	0.154
Interim	GGH01BD	0.854	0.955	0.978	0.760	0.917	0.958	0.857	0.959	0.979	0.879	0.968	0.983	1.86	5.60	13.94	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01BD	0.881	0.961	0.981	0.797	0.926	0.962	0.892	0.965	0.982	0.906	0.974	0.986	1.88	5.66	16.09	1.000	1.000	1.000	0.812	0.812	0.812	0.163	0.163	0.163
Interim	GGH01CA	0.978	0.992	0.995	0.956	0.982	0.990	0.978	0.992	0.995	0.981	0.996	0.997	1.12	3.12	7.33	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000	0.000
Original	GGH01CA	0.983	0.993	0.996	0.961	0.983	0.991	0.983	0.993	0.996	0.985	0.997	0.998	1.12	3.13	7.33	1.000	1.000	1.000	0.813	0.813	0.813	0.174	0.174	0.174
Interim	GGH01CB	0.958	0.988	0.993	0.918	0.970	0.984	0.958	0.988	0.993	0.960	0.991	0.995	1.11	3.10	7.31	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01CB	0.968	0.990	0.994	0.929	0.973	0.985	0.968	0.990	0.994	0.970	0.994	0.996	1.11	3.11	7.32	1.000	1.000	1.000	0.812	0.812	0.812	0.161	0.161	0.161
Interim	GGH01CC	0.936	0.984	0.990	0.880	0.960	0.978	0.936	0.984	0.990	0.938	0.987	0.992	1.09	3.08	7.29	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01CC	0.951	0.987	0.992	0.896	0.964	0.980	0.951	0.987	0.992	0.953	0.990	0.994	1.10	3.10	7.30	1.000	1.000	1.000	0.812	0.812	0.812	0.154	0.154	0.154
Interim	GGH01CD	0.946	0.985	0.992	0.898	0.965	0.981	0.946	0.985	0.992	0.949	0.989	0.993	1.10	3.09	7.29	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01CD	0.959	0.988	0.993	0.911	0.968	0.983	0.959	0.988	0.993	0.961	0.992	0.995	1.11	3.11	7.31	1.000	1.000	1.000	0.812	0.812	0.812	0.163	0.163	0.163
Interim	GGH04AB	0.959	0.985	0.990	0.916	0.968	0.981	0.959	0.985	0.990	0.963	0.989	0.993	1.35	3.46	8.66	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04AB	0.966	0.987	0.992	0.926	0.971	0.982	0.966	0.987	0.992	0.970	0.991	0.994	1.36	3.47	8.67	1.000	1.000	1.000	0.812	0.812	0.812	0.161	0.161	0.161
Interim	GGH04AC	0.938	0.979	0.987	0.880	0.957	0.974	0.938	0.979	0.987	0.943	0.983	0.989	1.32	3.44	8.61	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04AC	0.950	0.983	0.989	0.894	0.961	0.976	0.950	0.983	0.989	0.954	0.986	0.991	1.34	3.45	8.64	1.000	1.000	1.000	0.812	0.812	0.812	0.154	0.154	0.154
Interim	GGH04AD	0.948	0.982	0.988	0.896	0.962	0.977	0.948	0.982	0.988	0.952	0.986	0.991	1.33	3.45	8.63	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04AD	0.957	0.985	0.991	0.908	0.965	0.979	0.957	0.985	0.991	0.962	0.989	0.993	1.35	3.46	8.65	1.000	1.000	1.000	0.812	0.812	0.812	0.163	0.163	0.163
Interim	GGH04BB	0.899	0.968	0.981	0.853	0.940	0.967	0.902	0.969	0.982	0.931	0.977	0.987	1.71	4.05	11.29	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000

Original	GGH04BB	0.916	0.973	0.984	0.876	0.946	0.971	0.916	0.974	0.985	0.946	0.981	0.989	1.73	4.06	11.36	1.000	1.000	1.000	0.812	0.812	0.812	0.161	0.161	0.161
Interim	GGH04BC	0.854	0.957	0.975	0.795	0.919	0.956	0.882	0.958	0.976	0.910	0.965	0.981	1.62	4.01	11.12	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04BC	0.875	0.963	0.978	0.819	0.928	0.961	0.902	0.964	0.980	0.927	0.972	0.984	1.68	4.03	11.24	1.000	1.000	1.000	0.812	0.812	0.812	0.154	0.154	0.154
Interim	GGH04BD	0.867	0.961	0.977	0.808	0.926	0.960	0.867	0.962	0.979	0.876	0.969	0.983	1.66	4.03	11.05	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04BD	0.892	0.967	0.981	0.841	0.935	0.965	0.892	0.968	0.982	0.901	0.975	0.986	1.71	4.04	11.19	1.000	1.000	1.000	0.812	0.812	0.812	0.163	0.163	0.163
Interim	GGH05AB	0.934	0.982	0.989	0.887	0.963	0.980	0.934	0.982	0.989	0.941	0.987	0.993	1.50	4.58	11.49	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05AB	0.946	0.985	0.991	0.901	0.966	0.982	0.946	0.985	0.991	0.953	0.990	0.994	1.50	4.60	11.51	1.000	1.000	1.000	0.812	0.812	0.812	0.161	0.161	0.161
Interim	GGH05AC	0.917	0.975	0.985	0.840	0.952	0.973	0.917	0.975	0.985	0.922	0.981	0.989	1.49	4.56	11.44	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05AC	0.923	0.979	0.988	0.859	0.956	0.976	0.923	0.979	0.988	0.928	0.985	0.991	1.49	4.57	11.47	1.000	1.000	1.000	0.812	0.812	0.812	0.154	0.154	0.154
Interim	GGH05AD	0.917	0.978	0.987	0.859	0.957	0.976	0.917	0.978	0.987	0.922	0.984	0.991	1.49	4.57	11.46	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05AD	0.932	0.982	0.989	0.878	0.961	0.978	0.932	0.982	0.989	0.939	0.987	0.993	1.50	4.58	11.49	1.000	1.000	1.000	0.812	0.812	0.812	0.163	0.163	0.163
Interim	GGH05BB	0.885	0.958	0.976	0.826	0.926	0.960	0.888	0.961	0.978	0.912	0.973	0.985	2.09	6.02	14.04	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05BB	0.905	0.963	0.978	0.849	0.933	0.964	0.905	0.966	0.980	0.933	0.978	0.988	2.11	6.05	14.15	1.000	1.000	1.000	0.812	0.812	0.812	0.161	0.161	0.161
Interim	GGH05BC	0.840	0.945	0.969	0.757	0.904	0.951	0.849	0.949	0.971	0.880	0.959	0.978	2.04	5.95	13.86	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05BC	0.864	0.952	0.973	0.791	0.915	0.956	0.879	0.956	0.975	0.905	0.967	0.982	2.06	5.99	14.01	1.000	1.000	1.000	0.812	0.812	0.812	0.154	0.154	0.154
Interim	GGH05BD	0.848	0.948	0.971	0.779	0.909	0.953	0.848	0.950	0.973	0.856	0.963	0.980	2.06	5.97	12.72	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05BD	0.877	0.955	0.974	0.811	0.919	0.958	0.877	0.958	0.976	0.886	0.970	0.984	2.08	6.01	13.86	1.000	1.000	1.000	0.812	0.812	0.812	0.163	0.163	0.163
Interim	GGH06AB	1.004	1.030	1.039	1.009	1.065	1.091	0.962	0.986	0.991	0.966	0.990	0.994	1.53	4.69	10.06	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06AB	1.011	1.033	1.041	1.020	1.068	1.095	0.969	0.988	0.993	0.974	0.992	0.995	1.54	4.70	10.08	1.000	1.000	1.000	0.812	0.812	0.812	0.161	0.161	0.161
Interim	GGH06AC	0.984	1.025	1.036	0.964	1.055	1.078	0.944	0.980	0.988	0.949	0.985	0.991	1.51	4.67	10.02	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06AC	0.997	1.029	1.038	0.980	1.059	1.082	0.955	0.984	0.990	0.960	0.988	0.993	1.52	4.69	10.05	1.000	1.000	1.000	0.812	0.812	0.812	0.154	0.154	0.154
Interim	GGH06AD	0.994	1.028	1.037	0.985	1.060	1.084	0.953	0.983	0.989	0.957	0.987	0.992	1.52	4.68	10.04	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06AD	1.004	1.031	1.039	0.999	1.063	1.087	0.962	0.986	0.991	0.966	0.990	0.994	1.53	4.69	10.06	1.000	1.000	1.000	0.812	0.812	0.812	0.163	0.163	0.163
Interim	GGH06BB	0.996	1.045	1.061	0.984	1.083	1.136	0.929	0.975	0.987	0.939	0.983	0.991	2.03	6.10	18.02	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06BB	1.008	1.049	1.064	1.005	1.091	1.140	0.941	0.978	0.989	0.952	0.986	0.992	2.04	6.12	18.26	1.000	1.000	1.000	0.812	0.812	0.812	0.161	0.161	0.161
Interim	GGH06BC	0.958	1.037	1.055	0.910	1.066	1.117	0.899	0.967	0.982	0.910	0.975	0.986	2.00	6.05	17.69	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06BC	0.982	1.043	1.059	0.950	1.076	1.125	0.917	0.972	0.985	0.929	0.980	0.989	2.01	6.08	18.05	1.000	1.000	1.000	0.812	0.812	0.812	0.154	0.154	0.154
Interim	GGH06BD	0.922	1.038	1.058	0.876	1.068	1.125	0.862	0.968	0.984	0.880	0.976	0.988	2.01	6.07	15.22	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06BD	0.964	1.043	1.061	0.935	1.078	1.132	0.901	0.973	0.987	0.920	0.981	0.990	2.02	6.10	15.38	1.000	1.000	1.000	0.812	0.812	0.812	0.163	0.163	0.163
Interim	GGH07AB	0.921	0.951	0.959	0.864	0.934	0.949	0.952	0.982	0.989	0.958	0.987	0.992	1.41	4.33	9.28	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07AB	0.928	0.954	0.960	0.875	0.937	0.951	0.960	0.985	0.991	0.967	0.990	0.994	1.42	4.34	9.30	1.000	1.000	1.000	0.812	0.812	0.812	0.161	0.161	0.161
Interim	GGH07AC	0.897	0.945	0.955	0.827	0.922	0.942	0.929	0.976	0.985	0.936	0.981	0.989	1.39	4.31	9.23	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07AC	0.911	0.949	0.957	0.843	0.927	0.945	0.943	0.980	0.988	0.949	0.985	0.991	1.40	4.32	9.26	1.000	1.000	1.000	0.812	0.812	0.812	0.154	0.154	0.154
Interim	GGH07AD	0.908	0.948	0.957	0.845	0.927	0.945	0.940	0.979	0.987	0.947	0.984	0.990	1.39	4.32	9.25	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000

Original	GGH07AD	0.919	0.951	0.959	0.858	0.931	0.948	0.951	0.982	0.989	0.957	0.987	0.992	1.40	4.33	9.28	1.000	1.000	1.000	0.812	0.812	0.812	0.163	0.163	0.163
Interim	GGH07BB	0.879	0.933	0.952	0.789	0.905	0.939	0.907	0.967	0.982	0.930	0.977	0.987	1.81	5.44	15.92	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07BB	0.891	0.937	0.954	0.815	0.911	0.942	0.922	0.971	0.985	0.942	0.981	0.989	1.82	5.46	16.11	1.000	1.000	1.000	0.812	0.812	0.812	0.161	0.161	0.161
Interim	GGH07BC	0.837	0.922	0.946	0.719	0.890	0.928	0.878	0.955	0.976	0.891	0.967	0.981	1.77	5.36	15.62	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07BC	0.859	0.928	0.949	0.748	0.898	0.933	0.900	0.962	0.980	0.913	0.973	0.984	1.79	5.41	15.90	1.000	1.000	1.000	0.812	0.812	0.812	0.154	0.154	0.154
Interim	GGH07BD	0.833	0.925	0.948	0.737	0.890	0.932	0.862	0.959	0.979	0.883	0.968	0.983	1.79	5.37	13.92	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07BD	0.860	0.931	0.951	0.774	0.899	0.937	0.895	0.965	0.982	0.911	0.974	0.986	1.80	5.43	15.54	1.000	1.000	1.000	0.812	0.812	0.812	0.163	0.163	0.163
Interim	GGH08AB	0.935	0.996	1.042	0.897	0.967	1.031	0.958	0.985	0.992	0.965	0.988	0.995	1.59	3.63	10.86	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08AB	0.938	0.998	1.044	0.902	0.970	1.034	0.966	0.988	0.994	0.972	0.991	0.997	1.60	3.65	10.88	1.000	1.000	1.000	0.812	0.812	0.812	0.161	0.161	0.161
Interim	GGH08AC	0.916	0.990	1.040	0.859	0.954	1.016	0.938	0.980	0.990	0.945	0.982	0.992	1.56	3.61	10.81	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08AC	0.924	0.994	1.042	0.870	0.960	1.019	0.950	0.983	0.992	0.957	0.987	0.995	1.58	3.62	10.84	1.000	1.000	1.000	0.812	0.812	0.812	0.154	0.154	0.154
Interim	GGH08AD	0.921	0.993	1.041	0.872	0.961	1.019	0.947	0.982	0.991	0.954	0.985	0.994	1.58	3.62	10.83	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08AD	0.933	0.996	1.043	0.886	0.965	1.027	0.958	0.985	0.993	0.964	0.989	0.996	1.59	3.63	10.86	1.000	1.000	1.000	0.812	0.812	0.812	0.163	0.163	0.163
Interim	GGH08BB	0.862	0.982	1.072	0.833	0.942	1.030	0.900	0.971	0.984	0.911	0.979	0.989	1.59	4.92	11.36	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08BB	0.875	0.987	1.077	0.838	0.949	1.034	0.920	0.975	0.987	0.931	0.983	0.991	1.61	4.94	11.40	1.000	1.000	1.000	0.812	0.812	0.812	0.161	0.161	0.161
Interim	GGH08BC	0.838	0.973	1.064	0.780	0.926	1.019	0.854	0.960	0.978	0.872	0.969	0.984	1.54	4.86	11.28	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08BC	0.858	0.977	1.069	0.809	0.933	1.023	0.881	0.966	0.982	0.897	0.975	0.987	1.57	4.90	11.33	1.000	1.000	1.000	0.812	0.812	0.812	0.154	0.154	0.154
Interim	GGH08BD	0.848	0.975	1.066	0.799	0.930	1.021	0.869	0.964	0.981	0.878	0.971	0.986	1.56	4.88	11.27	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08BD	0.853	0.980	1.071	0.826	0.938	1.026	0.892	0.969	0.984	0.900	0.977	0.989	1.58	4.91	11.33	1.000	1.000	1.000	0.812	0.812	0.812	0.163	0.163	0.163

(d) Case 10-3-20

Option	Trial	D1 (Fin Dep) (1+)			D1 (Fin Dep) (fem)			D8 (Rescale Fin Dep-0)			D8 (Rescale Fin Dep-i)			D10 (Rel Recov)			N9 (Ave need Sat: 20)			N9 (Ave need Sat: 20)			N12 (Mean Down Step)		
		5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%
Interim	GGH01AA	0.973	0.989	0.993	0.944	0.976	0.987	0.973	0.989	0.993	0.980	0.994	0.996	1.49	4.54	9.78	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000	0.000
Original	GGH01AA	0.974	0.989	0.993	0.945	0.977	0.987	0.974	0.989	0.993	0.980	0.994	0.996	1.49	4.54	9.78	0.833	0.833	0.833	0.875	0.875	0.875	0.129	0.129	0.129
Interim	GGH01AB	0.952	0.982	0.989	0.903	0.964	0.980	0.952	0.982	0.989	0.959	0.987	0.993	1.46	4.51	9.75	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01AB	0.954	0.983	0.989	0.906	0.965	0.980	0.954	0.983	0.989	0.960	0.988	0.993	1.47	4.51	9.75	0.833	0.833	0.833	0.874	0.874	0.874	0.118	0.118	0.118
Interim	GGH01AC	0.930	0.976	0.986	0.860	0.952	0.973	0.930	0.976	0.986	0.937	0.981	0.989	1.45	4.49	9.72	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01AC	0.933	0.976	0.986	0.865	0.953	0.974	0.933	0.976	0.986	0.939	0.982	0.989	1.45	4.49	9.72	0.833	0.833	0.833	0.875	0.875	0.875	0.112	0.112	0.112
Interim	GGH01AD	0.941	0.979	0.987	0.879	0.958	0.976	0.941	0.979	0.987	0.947	0.984	0.991	1.45	4.50	9.73	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01AD	0.943	0.979	0.988	0.884	0.959	0.977	0.943	0.979	0.988	0.949	0.984	0.991	1.45	4.50	9.73	0.833	0.833	0.833	0.874	0.874	0.874	0.128	0.128	0.128
Interim	GGH01BA	0.920	0.974	0.988	0.865	0.952	0.976	0.936	0.977	0.989	0.956	0.987	0.993	1.91	5.73	16.79	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000	0.000
Original	GGH01BA	0.927	0.975	0.988	0.873	0.954	0.977	0.943	0.978	0.989	0.962	0.988	0.993	1.92	5.73	16.92	0.833	0.833	0.833	0.875	0.875	0.875	0.129	0.129	0.129
Interim	GGH01BB	0.905	0.963	0.982	0.812	0.932	0.965	0.907	0.967	0.983	0.931	0.976	0.987	1.88	5.67	16.51	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01BB	0.914	0.965	0.983	0.827	0.936	0.966	0.914	0.969	0.983	0.936	0.979	0.988	1.89	5.68	16.68	0.833	0.833	0.833	0.874	0.874	0.874	0.118	0.118	0.118
Interim	GGH01BC	0.864	0.954	0.976	0.730	0.915	0.953	0.877	0.956	0.976	0.893	0.967	0.981	1.85	5.58	16.20	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01BC	0.874	0.957	0.977	0.754	0.920	0.955	0.890	0.959	0.978	0.901	0.970	0.982	1.85	5.59	16.42	0.833	0.833	0.833	0.875	0.875	0.875	0.112	0.112	0.112
Interim	GGH01BD	0.854	0.955	0.978	0.760	0.917	0.958	0.857	0.959	0.979	0.879	0.968	0.983	1.86	5.60	15.60	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01BD	0.880	0.958	0.979	0.780	0.923	0.960	0.884	0.962	0.980	0.902	0.971	0.984	1.87	5.62	16.06	0.833	0.833	0.833	0.874	0.874	0.874	0.128	0.128	0.128
Interim	GGH01CA	0.978	0.992	0.995	0.956	0.982	0.990	0.978	0.992	0.995	0.981	0.996	0.997	1.12	3.12	7.33	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000	0.000
Original	GGH01CA	0.978	0.992	0.995	0.956	0.982	0.990	0.978	0.992	0.995	0.981	0.996	0.997	1.12	3.12	7.33	0.833	0.833	0.833	0.875	0.875	0.875	0.129	0.129	0.129
Interim	GGH01CB	0.958	0.988	0.993	0.918	0.970	0.984	0.958	0.988	0.993	0.960	0.991	0.995	1.11	3.10	7.31	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01CB	0.958	0.988	0.993	0.920	0.971	0.984	0.958	0.988	0.993	0.961	0.991	0.995	1.11	3.10	7.31	0.833	0.833	0.833	0.874	0.874	0.874	0.118	0.118	0.118
Interim	GGH01CC	0.936	0.984	0.990	0.880	0.960	0.978	0.936	0.984	0.990	0.939	0.987	0.992	1.09	3.08	7.29	1.000	1.000	1.000	0.986	0.999	0.999	0.000	0.000	0.017
Original	GGH01CC	0.941	0.984	0.990	0.888	0.960	0.978	0.941	0.984	0.990	0.945	0.987	0.992	1.09	3.09	7.29	0.833	0.833	0.833	0.851	0.875	0.875	0.112	0.112	0.115
Interim	GGH01CD	0.946	0.985	0.992	0.898	0.965	0.981	0.946	0.985	0.992	0.949	0.989	0.993	1.10	3.09	7.29	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01CD	0.947	0.986	0.992	0.900	0.965	0.981	0.947	0.986	0.992	0.950	0.989	0.993	1.10	3.09	7.30	0.833	0.833	0.833	0.874	0.874	0.874	0.128	0.128	0.128
Interim	GGH04AB	0.959	0.985	0.990	0.916	0.968	0.981	0.959	0.985	0.990	0.963	0.989	0.993	1.35	3.46	8.66	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04AB	0.960	0.985	0.991	0.919	0.969	0.981	0.960	0.985	0.991	0.964	0.989	0.993	1.35	3.46	8.66	0.833	0.833	0.833	0.874	0.874	0.874	0.118	0.118	0.118
Interim	GGH04AC	0.938	0.979	0.987	0.880	0.957	0.974	0.938	0.979	0.987	0.943	0.983	0.989	1.32	3.44	8.61	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04AC	0.940	0.980	0.987	0.885	0.958	0.974	0.940	0.980	0.987	0.944	0.984	0.989	1.32	3.45	8.61	0.833	0.833	0.833	0.875	0.875	0.875	0.112	0.112	0.112
Interim	GGH04AD	0.948	0.982	0.988	0.896	0.962	0.977	0.948	0.982	0.988	0.952	0.986	0.991	1.33	3.45	8.63	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04AD	0.949	0.982	0.989	0.900	0.963	0.977	0.949	0.982	0.989	0.953	0.986	0.991	1.34	3.45	8.63	0.833	0.833	0.833	0.874	0.874	0.874	0.128	0.128	0.128
Interim	GGH04BB	0.899	0.968	0.981	0.853	0.940	0.967	0.902	0.969	0.982	0.931	0.977	0.987	1.71	4.05	11.29	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000

Original	GGH04BB	0.906	0.970	0.982	0.863	0.943	0.969	0.914	0.971	0.983	0.943	0.978	0.988	1.72	4.05	11.33	0.833	0.833	0.833	0.874	0.874	0.874	0.118	0.118	0.118
Interim	GGH04BC	0.877	0.957	0.975	0.835	0.919	0.956	0.882	0.958	0.976	0.910	0.965	0.981	1.62	4.01	11.12	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04BC	0.868	0.959	0.976	0.821	0.924	0.958	0.898	0.960	0.977	0.916	0.968	0.982	1.65	4.02	11.19	0.833	0.833	0.833	0.875	0.875	0.875	0.112	0.112	0.112
Interim	GGH04BD	0.880	0.961	0.977	0.828	0.926	0.960	0.880	0.962	0.979	0.886	0.969	0.983	1.66	4.03	11.05	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04BD	0.879	0.963	0.979	0.839	0.931	0.962	0.879	0.964	0.980	0.898	0.972	0.984	1.68	4.03	11.15	0.833	0.833	0.833	0.874	0.874	0.874	0.128	0.128	0.128
Interim	GGH05AB	0.934	0.982	0.989	0.887	0.963	0.980	0.934	0.982	0.989	0.941	0.987	0.993	1.50	4.58	11.49	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05AB	0.937	0.982	0.989	0.891	0.964	0.980	0.937	0.982	0.989	0.944	0.988	0.993	1.50	4.59	11.49	0.833	0.833	0.833	0.874	0.874	0.874	0.118	0.118	0.118
Interim	GGH05AC	0.901	0.975	0.985	0.836	0.952	0.973	0.901	0.975	0.985	0.907	0.981	0.989	1.49	4.56	11.44	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05AC	0.906	0.976	0.986	0.844	0.953	0.973	0.906	0.976	0.986	0.912	0.981	0.989	1.49	4.56	11.44	0.833	0.833	0.833	0.875	0.875	0.875	0.112	0.112	0.112
Interim	GGH05AD	0.916	0.978	0.987	0.859	0.957	0.976	0.916	0.978	0.987	0.922	0.984	0.991	1.49	4.57	11.46	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05AD	0.920	0.979	0.987	0.865	0.958	0.977	0.920	0.979	0.987	0.926	0.984	0.991	1.49	4.57	11.46	0.833	0.833	0.833	0.874	0.874	0.874	0.128	0.128	0.128
Interim	GGH05BB	0.885	0.958	0.976	0.826	0.926	0.960	0.888	0.961	0.978	0.912	0.973	0.985	2.09	6.02	14.04	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05BB	0.894	0.960	0.977	0.837	0.930	0.962	0.903	0.963	0.979	0.929	0.975	0.986	2.09	6.03	14.12	0.833	0.833	0.833	0.874	0.874	0.874	0.118	0.118	0.118
Interim	GGH05BC	0.845	0.945	0.969	0.757	0.904	0.951	0.859	0.949	0.971	0.880	0.959	0.978	2.04	5.95	13.86	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05BC	0.858	0.948	0.970	0.774	0.910	0.953	0.872	0.952	0.972	0.890	0.962	0.980	2.05	5.96	13.96	0.833	0.833	0.833	0.875	0.875	0.875	0.112	0.112	0.112
Interim	GGH05BD	0.862	0.948	0.971	0.779	0.909	0.953	0.865	0.950	0.973	0.875	0.963	0.980	2.06	5.97	13.65	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05BD	0.871	0.951	0.972	0.796	0.915	0.955	0.871	0.954	0.974	0.881	0.966	0.982	2.07	5.99	13.83	0.833	0.833	0.833	0.874	0.874	0.874	0.128	0.128	0.128
Interim	GGH06AB	1.004	1.030	1.039	1.009	1.065	1.091	0.962	0.986	0.991	0.966	0.990	0.994	1.53	4.69	10.06	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06AB	1.004	1.031	1.039	1.012	1.065	1.092	0.963	0.986	0.991	0.967	0.990	0.994	1.53	4.69	10.06	0.833	0.833	0.833	0.874	0.874	0.874	0.118	0.118	0.118
Interim	GGH06AC	0.984	1.025	1.036	0.964	1.055	1.078	0.944	0.980	0.988	0.949	0.985	0.991	1.51	4.67	10.02	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06AC	0.986	1.025	1.036	0.969	1.056	1.079	0.946	0.981	0.988	0.950	0.985	0.991	1.51	4.67	10.02	0.833	0.833	0.833	0.875	0.875	0.875	0.112	0.112	0.112
Interim	GGH06AD	0.994	1.028	1.037	0.985	1.060	1.084	0.953	0.983	0.989	0.957	0.987	0.992	1.52	4.68	10.04	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06AD	0.995	1.028	1.037	0.989	1.060	1.085	0.954	0.983	0.990	0.958	0.988	0.992	1.52	4.68	10.04	0.833	0.833	0.833	0.874	0.874	0.874	0.128	0.128	0.128
Interim	GGH06BB	0.996	1.045	1.061	0.984	1.083	1.136	0.929	0.975	0.987	0.939	0.983	0.991	2.03	6.10	18.02	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06BB	1.001	1.046	1.062	0.995	1.088	1.137	0.933	0.976	0.987	0.947	0.984	0.991	2.03	6.11	18.23	0.833	0.833	0.833	0.874	0.874	0.874	0.118	0.118	0.118
Interim	GGH06BC	0.958	1.037	1.055	0.910	1.066	1.117	0.899	0.967	0.982	0.910	0.975	0.986	2.00	6.05	17.69	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06BC	0.969	1.039	1.056	0.932	1.072	1.121	0.908	0.968	0.983	0.917	0.976	0.987	2.00	6.06	17.98	0.833	0.833	0.833	0.875	0.875	0.875	0.112	0.112	0.112
Interim	GGH06BD	0.955	1.038	1.058	0.922	1.068	1.125	0.893	0.968	0.984	0.911	0.976	0.988	2.01	6.07	15.22	1.000	1.000	1.000	0.984	0.999	0.999	0.000	0.000	0.005
Original	GGH06BD	0.965	1.040	1.059	0.937	1.075	1.128	0.902	0.971	0.985	0.921	0.978	0.989	2.01	6.08	17.47	0.833	0.833	0.833	0.874	0.874	0.874	0.128	0.128	0.128
Interim	GGH07AB	0.921	0.951	0.959	0.864	0.934	0.949	0.952	0.982	0.989	0.958	0.987	0.992	1.41	4.33	9.28	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07AB	0.922	0.952	0.959	0.867	0.935	0.950	0.953	0.983	0.989	0.960	0.988	0.993	1.41	4.33	9.28	0.833	0.833	0.833	0.874	0.874	0.874	0.118	0.118	0.118
Interim	GGH07AC	0.897	0.945	0.955	0.827	0.922	0.942	0.929	0.976	0.985	0.936	0.981	0.989	1.39	4.31	9.23	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07AC	0.900	0.945	0.955	0.833	0.923	0.943	0.932	0.976	0.985	0.939	0.981	0.989	1.39	4.31	9.23	0.833	0.833	0.833	0.875	0.875	0.875	0.112	0.112	0.112
Interim	GGH07AD	0.908	0.948	0.957	0.845	0.927	0.945	0.940	0.979	0.987	0.947	0.984	0.990	1.39	4.32	9.25	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000

Original	GGH07AD	0.910	0.948	0.957	0.850	0.928	0.946	0.942	0.979	0.987	0.948	0.984	0.991	1.39	4.32	9.25	0.833	0.833	0.833	0.874	0.874	0.874	0.128	0.128	0.128
Interim	GGH07BB	0.879	0.933	0.952	0.789	0.905	0.939	0.907	0.967	0.982	0.930	0.977	0.987	1.81	5.44	15.92	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07BB	0.885	0.935	0.953	0.803	0.908	0.941	0.918	0.969	0.983	0.935	0.979	0.988	1.81	5.45	16.07	0.833	0.833	0.833	0.874	0.874	0.874	0.118	0.118	0.118
Interim	GGH07BC	0.837	0.922	0.946	0.719	0.890	0.928	0.878	0.955	0.976	0.891	0.967	0.981	1.77	5.36	15.62	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07BC	0.849	0.925	0.947	0.742	0.894	0.930	0.889	0.958	0.977	0.900	0.970	0.982	1.78	5.37	15.82	0.833	0.833	0.833	0.875	0.875	0.875	0.112	0.112	0.112
Interim	GGH07BD	0.833	0.925	0.948	0.737	0.890	0.932	0.862	0.959	0.979	0.883	0.968	0.983	1.79	5.37	15.11	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07BD	0.856	0.927	0.949	0.756	0.896	0.934	0.885	0.962	0.980	0.907	0.970	0.984	1.79	5.40	15.51	0.833	0.833	0.833	0.874	0.874	0.874	0.128	0.128	0.128
Interim	GGH08AB	0.935	0.996	1.042	0.897	0.967	1.031	0.958	0.985	0.992	0.965	0.988	0.995	1.59	3.63	10.86	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08AB	0.936	0.996	1.042	0.900	0.969	1.033	0.959	0.986	0.993	0.966	0.989	0.995	1.60	3.64	10.86	0.833	0.833	0.833	0.874	0.874	0.874	0.118	0.118	0.118
Interim	GGH08AC	0.916	0.990	1.040	0.859	0.954	1.016	0.938	0.980	0.990	0.945	0.982	0.992	1.56	3.61	10.81	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08AC	0.917	0.990	1.040	0.864	0.955	1.017	0.940	0.980	0.990	0.947	0.983	0.993	1.57	3.61	10.81	0.833	0.833	0.833	0.875	0.875	0.875	0.112	0.112	0.112
Interim	GGH08AD	0.922	0.993	1.041	0.872	0.961	1.019	0.947	0.982	0.991	0.954	0.985	0.994	1.58	3.62	10.83	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08AD	0.927	0.993	1.041	0.877	0.962	1.022	0.949	0.983	0.991	0.955	0.986	0.994	1.58	3.62	10.83	0.833	0.833	0.833	0.874	0.874	0.874	0.128	0.128	0.128
Interim	GGH08BB	0.862	0.982	1.072	0.833	0.942	1.030	0.900	0.971	0.984	0.911	0.979	0.989	1.59	4.92	11.36	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08BB	0.873	0.983	1.074	0.835	0.945	1.031	0.907	0.972	0.985	0.924	0.980	0.990	1.59	4.93	11.38	0.833	0.833	0.833	0.874	0.874	0.874	0.118	0.118	0.118
Interim	GGH08BC	0.839	0.973	1.064	0.787	0.926	1.019	0.864	0.960	0.978	0.882	0.969	0.984	1.54	4.86	11.28	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08BC	0.849	0.976	1.066	0.795	0.929	1.021	0.875	0.962	0.979	0.904	0.971	0.984	1.55	4.88	11.30	0.833	0.833	0.833	0.875	0.875	0.875	0.112	0.112	0.112
Interim	GGH08BD	0.856	0.975	1.066	0.802	0.930	1.021	0.874	0.964	0.981	0.882	0.971	0.986	1.56	4.88	11.27	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08BD	0.850	0.979	1.068	0.813	0.933	1.024	0.884	0.966	0.981	0.892	0.973	0.987	1.57	4.89	11.31	0.833	0.833	0.833	0.874	0.874	0.874	0.128	0.128	0.128

(e) Case 15-2-20

Option	Trial	D1 (Fin Dep) (1+)			D1 (Fin Dep) (fem)			D8 (Rescale Fin Dep-0)			D8 (Rescale Fin Dep-i)			D10 (Rel Recov)			N9 (Ave need Sat: 20)			N9 (Ave need Sat: 20)			N12 (Mean Down Step)		
		5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%
Interim	GGH01AA	0.973	0.989	0.993	0.944	0.976	0.987	0.973	0.989	0.993	0.980	0.994	0.996	1.49	4.54	9.78	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000	0.000
Original	GGH01AA	0.977	0.990	0.994	0.949	0.978	0.988	0.977	0.990	0.994	0.984	0.995	0.997	1.50	4.54	9.79	0.833	0.833	0.833	0.813	0.813	0.813	0.226	0.226	0.226
Interim	GGH01AB	0.952	0.982	0.989	0.903	0.964	0.980	0.952	0.982	0.989	0.959	0.987	0.993	1.46	4.51	9.75	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01AB	0.961	0.985	0.991	0.914	0.967	0.982	0.961	0.985	0.991	0.967	0.990	0.994	1.48	4.52	9.76	0.833	0.833	0.833	0.812	0.812	0.812	0.211	0.211	0.211
Interim	GGH01AC	0.930	0.976	0.986	0.860	0.952	0.973	0.930	0.976	0.986	0.937	0.981	0.989	1.45	4.49	9.72	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01AC	0.944	0.980	0.988	0.877	0.957	0.976	0.944	0.980	0.988	0.950	0.985	0.991	1.46	4.50	9.74	0.833	0.833	0.833	0.812	0.812	0.812	0.202	0.202	0.202
Interim	GGH01AD	0.941	0.979	0.987	0.879	0.958	0.976	0.941	0.979	0.987	0.947	0.984	0.991	1.45	4.50	9.73	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01AD	0.952	0.982	0.989	0.894	0.962	0.978	0.952	0.982	0.989	0.958	0.987	0.993	1.46	4.51	9.75	0.833	0.833	0.833	0.812	0.812	0.812	0.222	0.222	0.222
Interim	GGH01BA	0.920	0.974	0.988	0.865	0.952	0.976	0.936	0.977	0.989	0.956	0.987	0.993	1.91	5.73	16.79	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000	0.000
Original	GGH01BA	0.929	0.977	0.989	0.877	0.956	0.978	0.945	0.979	0.990	0.965	0.989	0.994	1.92	5.74	16.96	0.833	0.833	0.833	0.813	0.813	0.813	0.226	0.226	0.226
Interim	GGH01BB	0.905	0.963	0.982	0.812	0.932	0.965	0.907	0.967	0.983	0.931	0.976	0.987	1.88	5.67	16.51	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01BB	0.918	0.967	0.984	0.840	0.939	0.969	0.923	0.971	0.985	0.943	0.981	0.989	1.89	5.69	16.75	0.833	0.833	0.833	0.812	0.812	0.812	0.211	0.211	0.211
Interim	GGH01BC	0.864	0.954	0.976	0.730	0.915	0.953	0.877	0.956	0.976	0.893	0.967	0.981	1.85	5.58	16.20	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01BC	0.887	0.960	0.979	0.771	0.925	0.959	0.901	0.963	0.980	0.915	0.974	0.984	1.87	5.64	16.53	0.833	0.833	0.833	0.812	0.812	0.812	0.202	0.202	0.202
Interim	GGH01BD	0.854	0.955	0.978	0.760	0.917	0.958	0.857	0.959	0.979	0.879	0.968	0.983	1.86	5.60	15.60	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01BD	0.887	0.961	0.981	0.797	0.927	0.963	0.896	0.965	0.982	0.911	0.974	0.986	1.88	5.66	16.20	0.833	0.833	0.833	0.812	0.812	0.812	0.222	0.222	0.222
Interim	GGH01CA	0.978	0.992	0.995	0.956	0.982	0.990	0.978	0.992	0.995	0.981	0.996	0.997	1.12	3.12	7.33	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000	0.000
Original	GGH01CA	0.983	0.993	0.996	0.961	0.983	0.991	0.983	0.993	0.996	0.985	0.997	0.998	1.12	3.13	7.33	0.833	0.833	0.833	0.813	0.813	0.813	0.226	0.226	0.226
Interim	GGH01CB	0.958	0.988	0.993	0.918	0.970	0.984	0.958	0.988	0.993	0.960	0.991	0.995	1.11	3.10	7.31	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01CB	0.968	0.990	0.994	0.929	0.973	0.985	0.968	0.990	0.994	0.970	0.994	0.996	1.11	3.11	7.32	0.833	0.833	0.833	0.812	0.812	0.812	0.211	0.211	0.211
Interim	GGH01CC	0.936	0.984	0.990	0.880	0.960	0.978	0.936	0.984	0.990	0.939	0.987	0.992	1.09	3.08	7.29	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01CC	0.952	0.987	0.992	0.899	0.964	0.980	0.952	0.987	0.992	0.955	0.990	0.994	1.10	3.10	7.30	0.833	0.833	0.833	0.812	0.812	0.812	0.202	0.202	0.202
Interim	GGH01CD	0.946	0.985	0.992	0.898	0.965	0.981	0.946	0.985	0.992	0.949	0.989	0.993	1.10	3.09	7.29	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH01CD	0.959	0.988	0.993	0.911	0.968	0.983	0.959	0.988	0.993	0.961	0.992	0.995	1.11	3.11	7.31	0.833	0.833	0.833	0.812	0.812	0.812	0.222	0.222	0.222
Interim	GGH04AB	0.959	0.985	0.990	0.916	0.968	0.981	0.959	0.985	0.990	0.963	0.989	0.993	1.35	3.46	8.66	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04AB	0.966	0.987	0.992	0.926	0.971	0.982	0.966	0.987	0.992	0.970	0.991	0.994	1.36	3.47	8.67	0.833	0.833	0.833	0.812	0.812	0.812	0.211	0.211	0.211
Interim	GGH04AC	0.938	0.979	0.987	0.880	0.957	0.974	0.938	0.979	0.987	0.943	0.983	0.989	1.32	3.44	8.61	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04AC	0.950	0.983	0.989	0.894	0.961	0.976	0.950	0.983	0.989	0.954	0.987	0.991	1.34	3.45	8.64	0.833	0.833	0.833	0.812	0.812	0.812	0.202	0.202	0.202
Interim	GGH04AD	0.948	0.982	0.988	0.896	0.962	0.977	0.948	0.982	0.988	0.952	0.986	0.991	1.33	3.45	8.63	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04AD	0.958	0.985	0.991	0.908	0.966	0.979	0.958	0.985	0.991	0.962	0.989	0.993	1.35	3.46	8.65	0.833	0.833	0.833	0.812	0.812	0.812	0.222	0.222	0.222
Interim	GGH04BB	0.899	0.968	0.981	0.853	0.940	0.967	0.902	0.969	0.982	0.931	0.977	0.987	1.71	4.05	11.29	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000

Original	GGH04BB	0.917	0.973	0.984	0.877	0.946	0.971	0.919	0.974	0.985	0.948	0.981	0.989	1.73	4.06	11.37	0.833	0.833	0.833	0.812	0.812	0.812	0.211	0.211	0.211
Interim	GGH04BC	0.854	0.957	0.975	0.795	0.919	0.956	0.882	0.958	0.976	0.910	0.965	0.981	1.62	4.01	11.12	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04BC	0.876	0.963	0.979	0.822	0.929	0.961	0.905	0.965	0.980	0.927	0.972	0.984	1.68	4.03	11.25	0.833	0.833	0.833	0.812	0.812	0.812	0.202	0.202	0.202
Interim	GGH04BD	0.867	0.961	0.977	0.808	0.926	0.960	0.867	0.962	0.979	0.876	0.969	0.983	1.66	4.03	11.05	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH04BD	0.893	0.967	0.981	0.841	0.935	0.965	0.893	0.968	0.982	0.908	0.975	0.986	1.71	4.05	11.21	0.833	0.833	0.833	0.812	0.812	0.812	0.222	0.222	0.222
Interim	GGH05AB	0.934	0.982	0.989	0.887	0.963	0.980	0.934	0.982	0.989	0.941	0.987	0.993	1.50	4.58	11.49	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05AB	0.947	0.985	0.991	0.902	0.966	0.982	0.947	0.985	0.991	0.953	0.990	0.994	1.50	4.60	11.51	0.833	0.833	0.833	0.812	0.812	0.812	0.211	0.211	0.211
Interim	GGH05AC	0.907	0.975	0.985	0.841	0.952	0.973	0.907	0.975	0.985	0.911	0.981	0.989	1.49	4.56	11.44	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05AC	0.924	0.979	0.988	0.868	0.956	0.976	0.924	0.979	0.988	0.928	0.985	0.991	1.49	4.57	11.47	0.833	0.833	0.833	0.812	0.812	0.812	0.202	0.202	0.202
Interim	GGH05AD	0.916	0.978	0.987	0.861	0.957	0.976	0.916	0.978	0.987	0.922	0.984	0.991	1.49	4.57	11.46	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05AD	0.932	0.982	0.989	0.878	0.961	0.978	0.932	0.982	0.989	0.939	0.987	0.993	1.50	4.58	11.49	0.833	0.833	0.833	0.812	0.812	0.812	0.222	0.222	0.222
Interim	GGH05BB	0.885	0.958	0.976	0.826	0.926	0.960	0.888	0.961	0.978	0.912	0.973	0.985	2.09	6.02	14.04	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05BB	0.906	0.963	0.978	0.849	0.934	0.964	0.908	0.966	0.980	0.937	0.978	0.988	2.11	6.05	14.17	0.833	0.833	0.833	0.812	0.812	0.812	0.211	0.211	0.211
Interim	GGH05BC	0.840	0.945	0.969	0.757	0.904	0.951	0.849	0.949	0.971	0.880	0.959	0.978	2.04	5.95	13.86	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05BC	0.867	0.952	0.973	0.792	0.915	0.956	0.883	0.956	0.975	0.905	0.967	0.982	2.06	5.99	14.03	0.833	0.833	0.833	0.812	0.812	0.812	0.202	0.202	0.202
Interim	GGH05BD	0.848	0.948	0.971	0.779	0.909	0.953	0.848	0.950	0.973	0.856	0.963	0.980	2.06	5.97	13.65	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH05BD	0.878	0.955	0.975	0.812	0.920	0.958	0.878	0.958	0.976	0.893	0.970	0.984	2.08	6.01	13.90	0.833	0.833	0.833	0.812	0.812	0.812	0.222	0.222	0.222
Interim	GGH06AB	1.004	1.030	1.039	1.009	1.065	1.091	0.962	0.986	0.991	0.966	0.990	0.994	1.53	4.69	10.06	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06AB	1.011	1.033	1.041	1.020	1.068	1.095	0.969	0.988	0.993	0.974	0.992	0.995	1.54	4.70	10.08	0.833	0.833	0.833	0.812	0.812	0.812	0.211	0.211	0.211
Interim	GGH06AC	0.984	1.025	1.036	0.964	1.055	1.078	0.944	0.980	0.988	0.949	0.985	0.991	1.51	4.67	10.02	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06AC	0.997	1.029	1.038	0.980	1.059	1.082	0.955	0.984	0.990	0.960	0.988	0.993	1.52	4.69	10.05	0.833	0.833	0.833	0.812	0.812	0.812	0.202	0.202	0.202
Interim	GGH06AD	0.994	1.028	1.037	0.985	1.060	1.084	0.953	0.983	0.989	0.957	0.987	0.992	1.52	4.68	10.04	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06AD	1.004	1.031	1.039	0.999	1.063	1.087	0.962	0.986	0.991	0.966	0.990	0.994	1.53	4.69	10.06	0.833	0.833	0.833	0.812	0.812	0.812	0.222	0.222	0.222
Interim	GGH06BB	0.996	1.045	1.061	0.984	1.083	1.136	0.929	0.975	0.987	0.939	0.983	0.991	2.03	6.10	18.02	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06BB	1.009	1.049	1.064	1.006	1.091	1.140	0.941	0.978	0.989	0.953	0.986	0.992	2.04	6.12	18.31	0.833	0.833	0.833	0.812	0.812	0.812	0.211	0.211	0.211
Interim	GGH06BC	0.958	1.037	1.055	0.910	1.066	1.117	0.899	0.967	0.982	0.910	0.975	0.986	2.00	6.05	17.69	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06BC	0.982	1.043	1.059	0.951	1.077	1.125	0.920	0.972	0.985	0.930	0.980	0.989	2.01	6.08	18.10	0.833	0.833	0.833	0.812	0.812	0.812	0.202	0.202	0.202
Interim	GGH06BD	0.922	1.038	1.058	0.876	1.068	1.125	0.862	0.968	0.984	0.880	0.976	0.988	2.01	6.07	16.69	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH06BD	0.975	1.043	1.061	0.952	1.079	1.132	0.912	0.974	0.987	0.931	0.981	0.990	2.02	6.10	17.65	0.833	0.833	0.833	0.812	0.812	0.812	0.222	0.222	0.222
Interim	GGH07AB	0.921	0.951	0.959	0.864	0.934	0.949	0.952	0.982	0.989	0.958	0.987	0.992	1.41	4.33	9.28	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07AB	0.928	0.954	0.960	0.875	0.937	0.951	0.960	0.985	0.991	0.967	0.990	0.994	1.42	4.34	9.30	0.833	0.833	0.833	0.812	0.812	0.812	0.211	0.211	0.211
Interim	GGH07AC	0.897	0.945	0.955	0.827	0.922	0.942	0.929	0.976	0.985	0.936	0.981	0.989	1.39	4.31	9.23	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07AC	0.911	0.949	0.957	0.843	0.927	0.945	0.943	0.980	0.988	0.949	0.985	0.991	1.40	4.32	9.26	0.833	0.833	0.833	0.812	0.812	0.812	0.202	0.202	0.202
Interim	GGH07AD	0.908	0.948	0.957	0.845	0.927	0.945	0.940	0.979	0.987	0.947	0.984	0.990	1.39	4.32	9.25	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000

Original	GGH07AD	0.920	0.951	0.959	0.859	0.931	0.948	0.951	0.982	0.989	0.957	0.987	0.992	1.40	4.33	9.28	0.833	0.833	0.833	0.812	0.812	0.812	0.222	0.222	0.222
Interim	GGH07BB	0.879	0.933	0.952	0.789	0.905	0.939	0.907	0.967	0.982	0.930	0.977	0.987	1.81	5.44	15.92	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07BB	0.893	0.937	0.954	0.816	0.911	0.942	0.923	0.971	0.985	0.943	0.981	0.989	1.82	5.46	16.14	0.833	0.833	0.833	0.812	0.812	0.812	0.211	0.211	0.211
Interim	GGH07BC	0.837	0.922	0.946	0.719	0.890	0.928	0.878	0.955	0.976	0.891	0.967	0.981	1.77	5.36	15.62	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07BC	0.860	0.928	0.949	0.751	0.898	0.933	0.901	0.962	0.980	0.913	0.973	0.984	1.79	5.41	15.92	0.833	0.833	0.833	0.812	0.812	0.812	0.202	0.202	0.202
Interim	GGH07BD	0.833	0.925	0.948	0.737	0.890	0.932	0.862	0.959	0.979	0.883	0.968	0.983	1.79	5.37	15.11	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH07BD	0.865	0.931	0.951	0.774	0.899	0.937	0.898	0.965	0.982	0.916	0.974	0.986	1.80	5.43	15.64	0.833	0.833	0.833	0.812	0.812	0.812	0.222	0.222	0.222
Interim	GGH08AB	0.935	0.996	1.042	0.897	0.967	1.031	0.958	0.985	0.992	0.965	0.988	0.995	1.59	3.63	10.86	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08AB	0.938	0.998	1.044	0.902	0.970	1.034	0.966	0.988	0.994	0.972	0.991	0.997	1.60	3.65	10.88	0.833	0.833	0.833	0.812	0.812	0.812	0.211	0.211	0.211
Interim	GGH08AC	0.916	0.990	1.040	0.859	0.954	1.016	0.938	0.980	0.990	0.945	0.982	0.992	1.56	3.61	10.81	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08AC	0.927	0.994	1.042	0.871	0.960	1.019	0.950	0.983	0.992	0.957	0.987	0.995	1.58	3.62	10.84	0.833	0.833	0.833	0.812	0.812	0.812	0.202	0.202	0.202
Interim	GGH08AD	0.924	0.993	1.041	0.872	0.961	1.019	0.947	0.982	0.991	0.954	0.985	0.994	1.58	3.62	10.83	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08AD	0.933	0.996	1.043	0.886	0.965	1.027	0.958	0.985	0.993	0.964	0.989	0.996	1.59	3.63	10.86	0.833	0.833	0.833	0.812	0.812	0.812	0.222	0.222	0.222
Interim	GGH08BB	0.862	0.982	1.072	0.833	0.942	1.030	0.900	0.971	0.984	0.911	0.979	0.989	1.59	4.92	11.36	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08BB	0.875	0.987	1.077	0.838	0.949	1.034	0.920	0.975	0.987	0.932	0.983	0.992	1.61	4.94	11.40	0.833	0.833	0.833	0.812	0.812	0.812	0.211	0.211	0.211
Interim	GGH08BC	0.838	0.973	1.064	0.780	0.926	1.019	0.854	0.960	0.978	0.872	0.969	0.984	1.54	4.86	11.28	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08BC	0.860	0.977	1.069	0.810	0.933	1.024	0.882	0.966	0.982	0.897	0.975	0.987	1.57	4.90	11.34	0.833	0.833	0.833	0.812	0.812	0.812	0.202	0.202	0.202
Interim	GGH08BD	0.848	0.975	1.066	0.799	0.930	1.021	0.869	0.964	0.981	0.878	0.971	0.986	1.56	4.88	11.27	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.000	0.000
Original	GGH08BD	0.853	0.981	1.072	0.827	0.939	1.026	0.893	0.969	0.984	0.902	0.977	0.989	1.58	4.91	11.34	0.833	0.833	0.833	0.812	0.812	0.812	0.222	0.222	0.222

(f) Case 20-3-20

Option	Trial	D1 (Fin Dep) (1+)			D1 (Fin Dep) (fem)			D8 (Rescale Fin Dep-0)			D8 (Rescale Fin Dep-i)			D10 (Rel Recov)			N9 (Ave need Sat: 20)			N9 (Ave need Sat: 20)			N12 (Mean Down Step)		
		5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%	5%	Med	95%
Interim	GGH01AA	0.973	0.989	0.993	0.944	0.976	0.987	0.973	0.989	0.993	0.980	0.994	0.996	1.49	4.54	9.78	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.973	0.989
Original	GGH01AA	0.975	0.990	0.993	0.950	0.978	0.988	0.975	0.990	0.993	0.982	0.994	0.997	1.50	4.54	9.79	0.833	0.833	0.833	0.688	0.688	0.688	0.273	0.975	0.990
Interim	GGH01AB	0.952	0.982	0.989	0.903	0.964	0.980	0.952	0.982	0.989	0.959	0.987	0.993	1.46	4.51	9.75	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.952	0.982
Original	GGH01AB	0.957	0.984	0.990	0.915	0.967	0.981	0.957	0.984	0.990	0.964	0.989	0.993	1.47	4.52	9.75	0.833	0.833	0.833	0.687	0.687	0.687	0.263	0.957	0.984
Interim	GGH01AC	0.930	0.976	0.986	0.860	0.952	0.973	0.930	0.976	0.986	0.937	0.981	0.989	1.45	4.49	9.72	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.930	0.976
Original	GGH01AC	0.939	0.978	0.986	0.879	0.957	0.975	0.939	0.978	0.986	0.945	0.983	0.990	1.45	4.50	9.72	0.833	0.833	0.833	0.687	0.687	0.687	0.256	0.939	0.978
Interim	GGH01AD	0.941	0.979	0.987	0.879	0.958	0.976	0.941	0.979	0.987	0.947	0.984	0.991	1.45	4.50	9.73	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.941	0.979
Original	GGH01AD	0.947	0.981	0.988	0.896	0.962	0.978	0.947	0.981	0.988	0.954	0.986	0.992	1.46	4.51	9.74	0.833	0.833	0.833	0.687	0.687	0.687	0.273	0.947	0.981
Interim	GGH01BA	0.920	0.974	0.988	0.865	0.952	0.976	0.936	0.977	0.989	0.956	0.987	0.993	1.91	5.73	16.79	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.920	0.974
Original	GGH01BA	0.932	0.977	0.989	0.882	0.958	0.979	0.948	0.979	0.990	0.968	0.990	0.994	1.92	5.74	17.02	0.833	0.833	0.833	0.688	0.688	0.688	0.273	0.932	0.977
Interim	GGH01BB	0.905	0.963	0.982	0.812	0.932	0.965	0.907	0.967	0.983	0.931	0.976	0.987	1.88	5.67	16.51	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.905	0.963
Original	GGH01BB	0.922	0.968	0.984	0.858	0.943	0.970	0.926	0.972	0.985	0.946	0.982	0.989	1.89	5.69	16.84	0.833	0.833	0.833	0.687	0.687	0.687	0.263	0.922	0.968
Interim	GGH01BC	0.864	0.954	0.976	0.730	0.915	0.953	0.877	0.956	0.976	0.893	0.967	0.981	1.85	5.58	16.20	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.864	0.954
Original	GGH01BC	0.893	0.961	0.979	0.799	0.929	0.960	0.907	0.964	0.980	0.928	0.975	0.984	1.87	5.64	16.64	0.833	0.833	0.833	0.687	0.687	0.687	0.256	0.893	0.961
Interim	GGH01BD	0.854	0.955	0.978	0.760	0.917	0.958	0.857	0.959	0.979	0.879	0.968	0.983	1.86	5.60	15.60	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.854	0.955
Original	GGH01BD	0.897	0.962	0.981	0.823	0.933	0.964	0.906	0.966	0.982	0.923	0.975	0.986	1.88	5.66	16.38	0.833	0.833	0.833	0.687	0.687	0.687	0.273	0.897	0.962
Interim	GGH01CA	0.978	0.992	0.995	0.956	0.982	0.990	0.978	0.992	0.995	0.981	0.996	0.997	1.12	3.12	7.33	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.978	0.992
Original	GGH01CA	0.979	0.992	0.996	0.959	0.983	0.990	0.979	0.992	0.996	0.982	0.996	0.997	1.12	3.12	7.33	0.833	0.833	0.833	0.688	0.688	0.688	0.273	0.979	0.992
Interim	GGH01CB	0.963	0.988	0.993	0.921	0.970	0.984	0.963	0.988	0.993	0.965	0.991	0.995	1.11	3.10	7.31	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.963	0.988
Original	GGH01CB	0.965	0.988	0.993	0.929	0.972	0.985	0.965	0.988	0.993	0.968	0.991	0.995	1.11	3.11	7.31	0.833	0.833	0.833	0.687	0.687	0.687	0.263	0.965	0.988
Interim	GGH01CC	0.944	0.984	0.990	0.890	0.960	0.978	0.944	0.984	0.990	0.946	0.987	0.992	1.09	3.08	7.29	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.944	0.984
Original	GGH01CC	0.950	0.984	0.991	0.903	0.962	0.979	0.950	0.984	0.991	0.953	0.987	0.993	1.09	3.09	7.29	0.833	0.833	0.833	0.687	0.687	0.687	0.256	0.950	0.984
Interim	GGH01CD	0.953	0.985	0.992	0.902	0.965	0.981	0.953	0.985	0.992	0.955	0.989	0.993	1.10	3.09	7.29	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.953	0.985
Original	GGH01CD	0.956	0.986	0.992	0.917	0.967	0.982	0.956	0.986	0.992	0.961	0.989	0.994	1.10	3.10	7.30	0.833	0.833	0.833	0.687	0.687	0.687	0.273	0.956	0.986
Interim	GGH04AB	0.959	0.985	0.990	0.916	0.968	0.981	0.959	0.985	0.990	0.963	0.989	0.993	1.35	3.46	8.66	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.959	0.985
Original	GGH04AB	0.963	0.986	0.991	0.927	0.971	0.982	0.963	0.986	0.991	0.967	0.990	0.993	1.35	3.47	8.67	0.833	0.833	0.833	0.687	0.687	0.687	0.263	0.963	0.986
Interim	GGH04AC	0.938	0.979	0.987	0.880	0.957	0.974	0.938	0.979	0.987	0.943	0.983	0.989	1.32	3.44	8.61	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.938	0.979
Original	GGH04AC	0.945	0.981	0.988	0.896	0.961	0.976	0.945	0.981	0.988	0.949	0.985	0.990	1.33	3.45	8.62	0.833	0.833	0.833	0.687	0.687	0.687	0.256	0.945	0.981
Interim	GGH04AD	0.948	0.982	0.988	0.896	0.962	0.977	0.948	0.982	0.988	0.952	0.986	0.991	1.33	3.45	8.63	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.948	0.982
Original	GGH04AD	0.953	0.983	0.989	0.910	0.966	0.979	0.953	0.983	0.989	0.957	0.987	0.992	1.34	3.45	8.64	0.833	0.833	0.833	0.687	0.687	0.687	0.273	0.953	0.983
Interim	GGH04BB	0.899	0.968	0.981	0.853	0.940	0.967	0.902	0.969	0.982	0.931	0.977	0.987	1.71	4.05	11.29	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.899	0.968

Original	GGH04BB	0.919	0.973	0.984	0.884	0.949	0.972	0.925	0.974	0.985	0.953	0.981	0.989	1.73	4.06	11.39	0.833	0.833	0.833	0.687	0.687	0.687	0.263	0.919	0.973
Interim	GGH04BC	0.869	0.957	0.975	0.826	0.919	0.956	0.882	0.958	0.976	0.910	0.965	0.981	1.62	4.01	11.12	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.869	0.957
Original	GGH04BC	0.887	0.964	0.978	0.849	0.934	0.963	0.913	0.965	0.980	0.929	0.973	0.984	1.69	4.03	11.28	0.833	0.833	0.833	0.687	0.687	0.687	0.256	0.887	0.964
Interim	GGH04BD	0.867	0.961	0.977	0.818	0.926	0.960	0.867	0.962	0.979	0.876	0.969	0.983	1.66	4.03	11.05	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.867	0.961
Original	GGH04BD	0.898	0.967	0.981	0.863	0.940	0.967	0.898	0.968	0.982	0.921	0.976	0.986	1.71	4.05	11.26	0.833	0.833	0.833	0.687	0.687	0.687	0.273	0.898	0.967
Interim	GGH05AB	0.934	0.982	0.989	0.887	0.963	0.980	0.934	0.982	0.989	0.941	0.987	0.993	1.50	4.58	11.49	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.934	0.982
Original	GGH05AB	0.943	0.983	0.990	0.901	0.966	0.981	0.943	0.983	0.990	0.949	0.989	0.993	1.50	4.59	11.50	0.833	0.833	0.833	0.687	0.687	0.687	0.263	0.943	0.983
Interim	GGH05AC	0.901	0.975	0.985	0.836	0.952	0.973	0.901	0.975	0.985	0.907	0.981	0.989	1.49	4.56	11.44	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.901	0.975
Original	GGH05AC	0.916	0.977	0.986	0.860	0.957	0.975	0.916	0.977	0.986	0.922	0.983	0.990	1.49	4.56	11.45	0.833	0.833	0.833	0.687	0.687	0.687	0.256	0.916	0.977
Interim	GGH05AD	0.916	0.978	0.987	0.859	0.957	0.976	0.916	0.978	0.987	0.922	0.984	0.991	1.49	4.57	11.46	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.916	0.978
Original	GGH05AD	0.928	0.980	0.988	0.879	0.961	0.978	0.928	0.980	0.988	0.935	0.986	0.992	1.50	4.58	11.47	0.833	0.833	0.833	0.687	0.687	0.687	0.273	0.928	0.980
Interim	GGH05BB	0.885	0.958	0.976	0.826	0.926	0.960	0.888	0.961	0.978	0.912	0.973	0.985	2.09	6.02	14.04	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.885	0.958
Original	GGH05BB	0.910	0.964	0.978	0.864	0.937	0.965	0.915	0.967	0.980	0.941	0.978	0.988	2.11	6.05	14.21	0.833	0.833	0.833	0.687	0.687	0.687	0.263	0.910	0.964
Interim	GGH05BC	0.845	0.945	0.969	0.757	0.904	0.951	0.850	0.949	0.971	0.880	0.959	0.978	2.04	5.95	13.86	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.845	0.945
Original	GGH05BC	0.879	0.954	0.973	0.814	0.921	0.957	0.894	0.957	0.975	0.910	0.968	0.983	2.07	5.99	14.09	0.833	0.833	0.833	0.687	0.687	0.687	0.256	0.879	0.954
Interim	GGH05BD	0.848	0.948	0.971	0.779	0.909	0.953	0.848	0.950	0.973	0.856	0.963	0.980	2.06	5.97	13.42	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.848	0.948
Original	GGH05BD	0.885	0.957	0.975	0.833	0.926	0.960	0.885	0.960	0.977	0.908	0.972	0.984	2.08	6.02	13.98	0.833	0.833	0.833	0.687	0.687	0.687	0.273	0.885	0.957
Interim	GGH06AB	1.004	1.030	1.039	1.009	1.065	1.091	0.962	0.986	0.991	0.966	0.990	0.994	1.53	4.69	10.06	1.000	1.000	1.000	0.999	0.999	0.999	0.000	1.004	1.030
Original	GGH06AB	1.006	1.031	1.040	1.020	1.068	1.099	0.965	0.986	0.992	0.969	0.991	0.994	1.54	4.69	10.06	0.833	0.833	0.833	0.687	0.687	0.687	0.263	1.006	1.031
Interim	GGH06AC	0.984	1.025	1.036	0.964	1.055	1.078	0.944	0.980	0.988	0.949	0.985	0.991	1.51	4.67	10.02	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.984	1.025
Original	GGH06AC	0.990	1.026	1.036	0.984	1.059	1.083	0.949	0.982	0.988	0.954	0.986	0.992	1.51	4.67	10.03	0.833	0.833	0.833	0.687	0.687	0.687	0.256	0.990	1.026
Interim	GGH06AD	0.994	1.028	1.037	0.985	1.060	1.084	0.953	0.983	0.989	0.957	0.987	0.992	1.52	4.68	10.04	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.994	1.028
Original	GGH06AD	0.998	1.029	1.038	1.000	1.063	1.090	0.957	0.984	0.990	0.961	0.988	0.993	1.53	4.68	10.05	0.833	0.833	0.833	0.687	0.687	0.687	0.273	0.998	1.029
Interim	GGH06BB	0.996	1.045	1.061	0.984	1.083	1.136	0.929	0.975	0.987	0.939	0.983	0.991	2.03	6.10	18.02	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.996	1.045
Original	GGH06BB	1.009	1.049	1.063	1.018	1.096	1.144	0.942	0.978	0.988	0.955	0.986	0.992	2.04	6.12	18.39	0.833	0.833	0.833	0.687	0.687	0.687	0.263	1.009	1.049
Interim	GGH06BC	0.958	1.037	1.055	0.910	1.066	1.117	0.899	0.967	0.982	0.910	0.975	0.986	2.00	6.05	17.69	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.958	1.037
Original	GGH06BC	0.984	1.043	1.058	0.971	1.080	1.131	0.921	0.972	0.984	0.931	0.980	0.988	2.01	6.08	18.21	0.833	0.833	0.833	0.687	0.687	0.687	0.256	0.984	1.043
Interim	GGH06BD	0.922	1.038	1.058	0.876	1.068	1.125	0.862	0.968	0.984	0.880	0.976	0.988	2.01	6.07	16.69	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.922	1.038
Original	GGH06BD	0.987	1.044	1.060	0.971	1.084	1.136	0.923	0.974	0.986	0.933	0.981	0.990	2.02	6.10	17.87	0.833	0.833	0.833	0.687	0.687	0.687	0.273	0.987	1.044
Interim	GGH07AB	0.921	0.951	0.959	0.864	0.934	0.949	0.952	0.982	0.989	0.958	0.987	0.992	1.41	4.33	9.28	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.921	0.951
Original	GGH07AB	0.925	0.953	0.959	0.876	0.937	0.951	0.957	0.983	0.990	0.963	0.989	0.993	1.41	4.34	9.29	0.833	0.833	0.833	0.687	0.687	0.687	0.263	0.925	0.953
Interim	GGH07AC	0.897	0.945	0.955	0.827	0.922	0.942	0.929	0.976	0.985	0.936	0.981	0.989	1.39	4.31	9.23	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.897	0.945
Original	GGH07AC	0.906	0.947	0.956	0.847	0.927	0.945	0.938	0.978	0.986	0.944	0.983	0.990	1.39	4.31	9.24	0.833	0.833	0.833	0.687	0.687	0.687	0.256	0.906	0.947
Interim	GGH07AD	0.908	0.948	0.957	0.845	0.927	0.945	0.940	0.979	0.987	0.947	0.984	0.990	1.39	4.32	9.25	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.908	0.948

Original	GGH07AD	0.915	0.950	0.958	0.862	0.931	0.947	0.947	0.980	0.988	0.953	0.986	0.991	1.40	4.32	9.26	0.833	0.833	0.833	0.687	0.687	0.687	0.273	0.915	0.950
Interim	GGH07BB	0.879	0.933	0.952	0.789	0.905	0.939	0.907	0.967	0.982	0.930	0.977	0.987	1.81	5.44	15.92	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.879	0.933
Original	GGH07BB	0.896	0.938	0.954	0.834	0.914	0.944	0.928	0.972	0.985	0.947	0.982	0.989	1.82	5.47	16.21	0.833	0.833	0.833	0.687	0.687	0.687	0.263	0.896	0.938
Interim	GGH07BC	0.837	0.922	0.946	0.719	0.890	0.928	0.878	0.955	0.976	0.891	0.967	0.981	1.77	5.36	15.62	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.837	0.922
Original	GGH07BC	0.865	0.929	0.949	0.775	0.902	0.935	0.906	0.963	0.980	0.931	0.974	0.984	1.79	5.42	16.03	0.833	0.833	0.833	0.687	0.687	0.687	0.256	0.865	0.929
Interim	GGH07BD	0.833	0.925	0.948	0.737	0.890	0.932	0.862	0.959	0.979	0.883	0.968	0.983	1.79	5.37	15.11	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.833	0.925
Original	GGH07BD	0.874	0.932	0.951	0.799	0.904	0.938	0.905	0.966	0.982	0.928	0.975	0.986	1.80	5.44	15.80	0.833	0.833	0.833	0.687	0.687	0.687	0.273	0.874	0.932
Interim	GGH08AB	0.935	0.996	1.042	0.897	0.967	1.031	0.958	0.985	0.992	0.965	0.988	0.995	1.59	3.63	10.86	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.935	0.996
Original	GGH08AB	0.937	0.997	1.043	0.903	0.971	1.034	0.961	0.986	0.993	0.968	0.990	0.995	1.60	3.64	10.86	0.833	0.833	0.833	0.687	0.687	0.687	0.263	0.937	0.997
Interim	GGH08AC	0.916	0.990	1.040	0.859	0.954	1.016	0.938	0.980	0.990	0.945	0.982	0.992	1.56	3.61	10.81	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.916	0.990
Original	GGH08AC	0.920	0.991	1.040	0.876	0.960	1.020	0.944	0.981	0.990	0.951	0.984	0.993	1.57	3.62	10.82	0.833	0.833	0.833	0.687	0.687	0.687	0.256	0.920	0.991
Interim	GGH08AD	0.921	0.993	1.041	0.872	0.961	1.019	0.947	0.982	0.991	0.954	0.985	0.994	1.58	3.62	10.83	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.921	0.993
Original	GGH08AD	0.931	0.994	1.041	0.892	0.965	1.028	0.952	0.984	0.992	0.959	0.987	0.994	1.59	3.63	10.84	0.833	0.833	0.833	0.687	0.687	0.687	0.273	0.931	0.994
Interim	GGH08BB	0.871	0.982	1.072	0.836	0.942	1.030	0.900	0.971	0.984	0.911	0.979	0.989	1.59	4.92	11.36	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.871	0.982
Original	GGH08BB	0.886	0.987	1.076	0.849	0.952	1.036	0.924	0.975	0.986	0.937	0.983	0.991	1.61	4.95	11.41	0.833	0.833	0.833	0.687	0.687	0.687	0.263	0.886	0.987
Interim	GGH08BC	0.839	0.973	1.064	0.787	0.926	1.019	0.864	0.960	0.978	0.882	0.969	0.984	1.54	4.86	11.28	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.839	0.973
Original	GGH08BC	0.870	0.977	1.070	0.827	0.940	1.027	0.895	0.966	0.981	0.922	0.976	0.986	1.57	4.90	11.34	0.833	0.833	0.833	0.687	0.687	0.687	0.256	0.870	0.977
Interim	GGH08BD	0.858	0.975	1.066	0.802	0.930	1.021	0.874	0.964	0.981	0.882	0.971	0.986	1.56	4.88	11.27	1.000	1.000	1.000	0.999	0.999	0.999	0.000	0.858	0.975
Original	GGH08BD	0.871	0.981	1.072	0.839	0.946	1.030	0.902	0.970	0.983	0.917	0.977	0.988	1.59	4.92	11.35	0.833	0.833	0.833	0.687	0.687	0.687	0.273	0.871	0.981